

20001114.qrp v02_n006.qrl.20001114

Date: Tue, 14 Nov 2000 19:03:12 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2006

QRP-L Digest 2006

Topics covered in this issue include:

- 1) [83966] Re: Source of gel cell batteries needed
by Phil Wheeler <w7ox@earthlink.net>
- 2) [83967] Re: Power Station Gel Cell
by Casey Ray <clray@usc.edu>
- 3) [83968] Feedback on switching balun ratios
by Nils B Young <rانتinen@juno.com>
- 4) [83969] CONTEST-Doghouse Sprint Announcement
by Ken Newman <N2CQ@citnet.com>
- 5) [83970] CONTEST-QRP Calendar Nov 13/19
by Ken Newman <N2CQ@citnet.com>
- 6) [83971] Re: Source of gel cell batteries needed
by "Paul Christensen" <paulc@mediaone.net>
- 7) [83972] PSK-80: Orientation of SMT ICs
by Phil Wheeler <w7ox@earthlink.net>
- 8) [83973] PSK-80: Orientation of SMT ICs
by Phil Wheeler <w7ox@earthlink.net>
- 9) [83974] New Performance Comparisons on Elecraft web page
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 10) [83975] transistor cross
by Anthony Bailey <abailey@clas.net>
- 11) [83976] NETXQRP Club Meeting
by "Chuck Carpenter" <w5usj@globeco.net>
- 12) [83977] Equipment :PATCOMM PC-500; QRP 2 band rig ; First Looks
by Tom Mc <tjmc@erols.com>
- 13) [83978] K2 at Antartica McMurdo Station tonight; update
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 14) [83979] Re: HW-8 tuning cap problem -- J.B. Weld
by "Chuck Carpenter" <w5usj@globeco.net>
- 15) [83980] Re: Source of gel cell batteries needed
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 16) [83981] FOX Lost Fox
by "Karl F. Larsen" <k5di@zianet.com>
- 17) [83982] Re: FOX Lost Fox
by "George, W5YR" <w5yr@att.net>
- 18) [83983] Re: FOX Lost Fox
by "Karl F. Larsen" <k5di@zianet.com>
- 19) [83984] FS: TenTec model 1330

- by GElam30092@aol.com
- 20) [83985] SS - Running of the Bulls
by Randy Foltz <rfoltz@turbonet.com>
 - 21) [83986] Re: CW Speed and Contests
by Clay N4AOX <wyn@worldnet.att.net>
 - 22) [83987] QRP DUPE
by hamjoel@juno.com
 - 23) [83988] Fox-Got him!
by "TC Dufresne" <tdufres@radiks.net>
 - 24) [83989] HW-8 tuner cap fixed (long)
by "TC Dufresne" <tdufres@radiks.net>
 - 25) [83990] Re: Cub FOXes at 10 wpm max speed
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
 - 26) [83991] Re: PSK-80:Orientation of SMT ICs
by "Larry Przyborowski" <k3peg@yahoo.com>
 - 27) [83992] CW Online
by Chuck Adams <k7qo@primenet.com>
 - 28) [83993] Re: soundcard/psk ?
by "Cla KA0GKC" <ka0gkc@arrl.net>
 - 29) [83994] Hy-Gain DX77 vertical QUESTION
by "Ed Tanton" <n4xy@att.net>
 - 30) [83995] Re: antenna masts
by John R Kirby <n3aaz-qrp@juno.com>
 - 31) [83996] FOX At last
by "Karl F. Larsen" <k5di@zianet.com>
 - 32) [83997] FOX: Cub Fox hunt #7 Monday, Nov 13 Comments from the fox.
by "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>
 - 33) [83998] Just Countin' here in Florida
by Vic Winton <Vic.Winton@trafford-press.com>
 - 34) [83999] Re: FOX: Cub Fox hunt #7 Monday, Nov 13 Comments from the fox.
by John Wagner <john@neknetwork.com>
 - 35) [84000] got a copy
by hamjoel@juno.com
 - 36) [84001] Re:Just Countin' here in Florida
by William Mabry <n4qa@juno.com>
 - 37) [84002] Need help for Fort Worth TX
by Bill Walker <windal@azstarnet.com>
 - 38) [84003] DSW keying cable help needed
by John Doe <kc0bus@altavista.com>
 - 39) [84004] DSW keying cable help needed
by John Doe <kc0bus@altavista.com>
 - 40) [84005] RE: Yaesu FT-817 and satellite operation
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
 - 41) [84006] RE: transistor cross
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
 - 42) [84007] Re: PSK31 Place
by Jim Hale <kj5tf@yahoo.com>
 - 43) [84008] Fw: QSO MANAGER FREE TO EVERYBODY

- by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 44) [84009] Re: DSW keying cable help needed
by Phil Wheeler <w7ox@earthlink.net>
- 45) [84010] Antartica / McMurdo K2 Operation Report
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 46) [84011] RE: Just Countin' here in Florida
by Vic Winton <Vic.Winton@trafford-press.com>
- 47) [84012] Re: PSK-80:Orientation of SMT ICs
by NB6M@aol.com
- 48) [84013] RE: QSO MANAGER FREE TO EVERYBODY
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 49) [84014] CW Abbreviations [long]
by Chuck Adams <k7qo@primenet.com>
- 50) [84015] Tube qrp rigs
by "Dittmar, Mark" <Mark_Dittmar@Maxtor.com>
- 51) [84016] Re: DSW keying cable help needed
by William Mabry <n4qa@juno.com>
- 52) [84017] Re: Need help for Fort Worth TX
by "George, W5YR" <w5yr@att.net>
- 53) [84018] Information on Keys/Paddles
by Bob Hightower <nk7m@extremezone.com>
- 54) [84019] DSW keying
by Richard H Rood <fcs@juno.com>
- 55) [84020] MPN3700?
by Ed Kessler <edkess@epix.net>
- 56) [84021] FS - Radio Shack HTX-10
by John AE5X <ae5x@juno.com>
- 57) [84022] HOORAY
by "Tntjoe" <tntjoe@qwest.net>
- 58) [84023] CW: my 2 cents' worth (long)
by Jim Glover <psykey@okcforum.org>
- 59) [84024] Need Pwr Xfmr 250-0-250/6.3 & 8 mHy choke for Ameco AC-1 Clone
by H Weinstein <k3hw@yahoo.com>
- 60) [84025] Kit: Motorboating HSC Pixie2
by Stephen M Smith <sigcom@juno.com>
- 61) [84026] Re: Need help for Fort Worth TX
by "laura halliday" <marsgal42@hotmail.com>
- 62) [84027] Re: CW: my 2 cents' worth (long) - some thoughts
by Bruce Muscolino <w6toy@erols.com>
- 63) [84028] Extra class exam questions
by Drbob92031@aol.com
- 64) [84029] Redhot 40 Kit for sale
by "John Nally" <nally@talstar.com>
- 65) [84030] K1 sighted on 15m
by Allan G Taylor <k7gt@qsl.net>
- 66) [84031] Milliwatt DX fever strikes agn
by Jim Hale <kj5tf@yahoo.com>
- 67) [84032] Re: CW: my 2 cents' worth (long)

by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
68) [84033] cw -2cents worth
by crc@io.com
69) [84034] CW: my 2 cents' worth (short)
by "Charles Mabbott" <crmabbott@mediaone.net>
70) [84035] cw response
by M Goins <mgoins@usa.net>
71) [84036] Power supply
by "Tntjoe" <tntjoe@qwest.net>
72) [84037] K1 s/n 67 alive and well!!
by "Joe Trombino" <w2kj@earthlink.net>
73) [84038] OT - UHF Lecher Line Osc.
by Andrew Madsen <andrew@utahdesign.com>
74) [84039] A Challenge to my fellow QRPers
by Jeff <fantbb@yahoo.com>
75) [84040] HTX-10 - Sold
by John AE5X <ae5x@juno.com>
76) [84041] HW-8 Mods ?
by Rick McKee <kc8aon@juno.com>
77) [84042] Re: A Challenge to my fellow QRPers
by igeq100@iupui.edu

Date: Mon, 13 Nov 2000 16:05:29 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: kc0bus@altavista.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83966] Re: Source of gel cell batteries needed
Message-ID: <3A1081C9.F56ADCF5@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John Doe wrote:

>
> Hi all,
> I need to buy a rechargeable gel cell battery that I can use with my new DSW-20
rig for field day and backpacking use. I was wondering what kind/size everyone is
using for this type of application and where to get one? I need one that I can lug
around with relative ease and run from for several days if needed. I'll probably
end up getting a small solar panel to keep it charged up out in the field.
>

I use 8-10 AAs, either alkaline (I can get 40 for \$9) or NiMH (which I
have for use with my digital camera).

For non-backpacking (camping) I use a 7 AH Ham Station.

Phil

Date: Mon, 13 Nov 2000 16:09:54 -0800
From: Casey Ray <clray@usc.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83967] Re: Power Station Gel Cell
Message-ID: <3A1082D2.64E3E7D1@usc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Great list. Already have answers.

Thanks.

72 de Casey
AD6DI

Casey Ray wrote:

> Hi all,
>
> I've seemed to have misplaced my wall wart for my power station (12 volt
> 7 amp hour) gel cell battery. Would someone be so kind as to tell me
> off line a suitable replacement?
>
> My email address is: clray@usc.edu
>
> Thanks for the bandwidth.
>
> 72 de Casey
> AD6DI

Date: Mon, 13 Nov 2000 23:54:13 +0000
From: Nils B Young <rantinen@juno.com>
To: QRP-L@lehigh.edu
Subject: [83968] Feedback on switching balun ratios
Message-ID: <20001113.235423.-173637.0.rantinen@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Don & Mike & Bob & the rest of youze,

I got enough feedback from Don & Mike & Bob to make be believe that I should had otter put a 1:1 balun on the end of the tuner and shut my tiny little mind. Having messed with the idea a couple times, I have found that the remote ATU system what I use here is a lot happier with a 1:1 balun than a 4:1 balun. Which is a nice way of saying that I am gonna have to deslobber the 4:1 I have out in the outhouse now & add another winding on it to make it a 1:1.

Or I can just cut it all down to size & rewind it with "fresh" wire.

Like lettuce.

Over the course of all this runs the reasoning that the Z-11 does such a nice job on almost every antoona and even gives me 160m (even with the 4:1) that I'm being serious tempted to go up one level & get the AT-11 for the shed (keeping the Z-11 for the true QRP mobile stuff).

At which point the baluns come into the pincher. For the 75m & 160m antoona set up & the LNR gang.

Thanks to all who responded or even thought about it. (The extra parallel winding not being used for the 4:1 set-up caused some concern about that winding just being in the way. One way or the other. Like extra taps what you don't use on a coil just sittin' there heatin' up. Which is why the "ultimo" transmatch now has separate coils for the main areas of focus, the worst case one having three taps for 10m through 17m, depending on wire &c.)

Ah, now to recover from the flu/cold/fungus/pollen/sinus valley "thingie" what's been holding me at bay for the past five days. And some good Turkish music.

73

Nils

Nils R. B. Young -- El Gringo Errante -- W8IJN -- The Tagalong Press
<http://www6.50megs.com/w8ijn> -- <http://members.fortunecity.com/nilsbull>
"In MY day you had to FIGHT to have finals! Every DAY was a STRUGGLE!"
Comrade Nikolai

Sergeiovich McTovarishov

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 13 Nov 2000 19:06:47 -0500

From: Ken Newman <N2CQ@citnet.com>

To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org

Subject: [83969] CONTEST-Doghouse Sprint Announcement

Message-ID: <3.0.6.32.20001113190647.007ef3c0@mail.citnet.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi All,

Announcing the running of the NJ QRP Doghouse Operation Sprint, sponsored by the New Jersey QRP Club. Here's a sprint that you can work and still manage to stay out of the doghouse on the Saturday afternoon prior to Thanksgiving. You can play radio, and have plenty of time to mow the lawn, clean the guest room, or do whatever it takes to get the house ready for Thanksgiving.

Date and Time:

Saturday, November 18, 2000 1700-2100 UTC

Purpose:

The contest is a single-op QRP CW sprint. Try to operate as many ops in as many area codes as possible. Stations may be worked more than once on different bands.

Frequencies:

QRP frequencies from 80M through 10M (no WARC bands): 1.810, 3.560, 7.040, 14.060, 21.060, 28.060

Exchange:

RST, area code and first name

Scoring:

2 points per QSO

Power Multipliers:

Less than 1 watt x 10

1 to 5 watts x 7

Bonus points:

Portable field location, battery/solar operation with temporary
antennas outside of home QTH = 100 points.

Battery operation from home location = 100 points.

Total points:

(QSO points x power multiplier) + bonus points

Certificates:

Certificates will be awarded for the highest overall total score and most
unique area codes worked from each call sign area in the US, Canada and DX
country. Area Codes can be counted once per band.

Logs:

Submit logs within one month after the sprint to Ken Newman, N2CQ. Submit
e-mail messages with attached text files to N2CQ@ARRL.NET or snail mail to:

Ken Newman

81 Holly Drive

Woodbury, NJ 08096

Please include an SASE if you'd like to receive contest results. Results
will be posted to QRP-L and NJ-QRP by year's end. Late entries will count
as check logs.

Good luck!

... and remember, radio and holiday/family do mix!

The Amateur is Balanced ... Radio is our hobby. We never allow it to
interfere with any of the duties we owe to our home, job or community. We
can do both here! Join us for the NJ QRP Doghouse Operation Sprint.

72 de

Ken Newman - N2CQ
Woodbury, NJ
N2CQ@ARRL.NET

== QRP CONTEST CALENDAR ==
<http://www.njqrp.org/data/contesting.html>

Date: Mon, 13 Nov 2000 19:16:04 -0500
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [83970] CONTEST-QRP Calendar Nov 13/19
Message-ID: <3.0.6.32.20001113191604.00803100@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

Nov 13/19, 2000

~~~~~  
QRP-L Foxhunt Season!

Foxhunt: Every Tuesday And Thursday
Details: <http://www.cqc.org/fox>

Cub Foxhunt: Every Monday and Wednesday
Details: <http://www.qsl.net/k5DI/fox/>

Fox appears: 9pm EST, 8PM CST, 7PM MST and 6PM PST.

~~~~~  
FPQRP-L Truffle Hunt Season!

Flying Pigs Truffle Hunt: 30 minutes before the Foxhunt.  
Details: [http://www.fpqr.com/pig\\_hunt.htm](http://www.fpqr.com/pig_hunt.htm)  
~~~~~

QRP Doghouse Sprint *** QRP Contest ***

Nov 18 - 1700z to 2100z

Rules: http://www.njqrp.org/doghouse/doghouse_announce.html

~~~~~

LZ DX CONTEST (CW) (Bulgarian Federation of Radio Amateurs)

Nov 18 - 1200z to Nov 19 - 1200z

Rules: <http://www.qsl.net/lz1fw/contest/>

~~~~~

ARRL Sweepstakes (Phone) ... QRP Category

Nov 18 - 2100z to Nov 20 - 0300z

Rules: <http://www.arrl.org/contests/announcements/rules-novss.html>

~~~~~

North American Collegiate ARC Championship (PH)

Nov 18 - 2100z to Nov 20 - 0300z

(Concurrently with the ARRL November Sweepstakes)

Rules: <http://www.collegiatechampionship.org/ccrules.html>

~~~~~

HOT Party (CW) ... QRP Category

Nov 19 - 1300z to 1500z (40 Meters)

Nov 19 - 1500z to 1700z (80 Meters)

(HOMEBREW & OLDTIME - EQUIPMENT - PARTY)

Rules: <http://www.sk3bg.se/contest/hotp.htm>

~~~~~

AND LATER .....

~~~~~

CQ World Wide DX Contest (CW) ... QRP Category!

Nov 25 - 0000z to Nov 26 - 2400z

Rules: <http://cqwww.com/2000rules.htm>

~~~~~

|                   |                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------|
| 72 de             | **** QRP Contest Calendar ****                                                                              |
| Ken Newman - N2CQ | <a href="http://www.njqrp.org/data/contesting.html">http://www.njqrp.org/data/contesting.html</a>           |
| N2CQ@ARRL.NET     | <a href="http://www.n3epa.org/Pages/Contest/contest.htm">http://www.n3epa.org/Pages/Contest/contest.htm</a> |
|                   | <a href="http://www.qsl.net/cqrp/contests.html">http://www.qsl.net/cqrp/contests.html</a>                   |

-----

Date: Mon, 13 Nov 2000 19:18:18 -0500  
From: "Paul Christensen" <paulc@mediaone.net>  
To: <w7ox@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [83971] Re: Source of gel cell batteries needed  
Message-ID: <002e01c04dd0\$63ed3440\$5a668118@se.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Here's another great source for portable power:

<http://www.bescor.com/pg3.htm>

-Paul, W9AC

----- Original Message -----

From: "Phil Wheeler" <w7ox@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, November 13, 2000 19:05 PM  
Subject: Re: Source of gel cell batteries needed

>  
>  
> John Doe wrote:  
> >  
> > Hi all,  
> > I need to buy a rechargeable gel cell battery that I can use with my  
new DSW-20 rig for field day and backpacking use. I was wondering what  
kind/size everyone is using for this type of application and where to get

one? I need one that I can lug around with relative ease and run from for several days if needed. I'll probably end up getting a small solar panel to keep it charged up out in the field.

> >

>

> I use 8-10 AAs, either alkaline (I can get 40 for \$9) or NiMH (which I have for use with my digital camera).

>

> For non-backpacking (camping) I use a 7 AH Ham Station.

>

> Phil

-----  
Date: Mon, 13 Nov 2000 16:23:32 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: QRP List <qrp-l@lehigh.edu>, George Heron N2APB <n2apb@erols.com>  
Subject: [83972] PSK-80:Orientation of SMT ICs  
Message-ID: <3A108604.169F2C0A@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I've just started building and I'm already stymied.

There are two surface mount ICs, and I've never worked with SMT other than resistors and caps .. where orientation was not important.

I see no notch nor dimple on these to tell me where pin 1 is, even though the board layout does have such an indicator. I'd \*guess\* that having the lettering right side up is the correct way. But I'd rather not guess!

I'll go back and check the tips file, but I don't recall reading about this.

Can anyone help with this problem?

TIA

73, Phil W7OX

-----  
Date: Mon, 13 Nov 2000 16:30:05 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: n2apb@erols.com, QRP List <qrp-l@lehigh.edu>

Subject: [83973] PSK-80: Orientation of SMT ICs  
Message-ID: <3A10878D.6F4ECBCA@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Cancel the last message.

I found a note re lettering being upright in the clarifications on the notes page.

So that's what I will do.

Phil W70X

-----  
Date: Mon, 13 Nov 2000 17:03:24 -0800  
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>  
To: Elecraft mail list <elecraft@qth.net>, QRP-L <qrp-l@lehigh.edu>, GQRP <gqrp@onelist.com>  
Subject: [83974] New Performance Comparisons on Elecraft web page  
Message-ID: <3A108F5C.4985D361@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,

I have added Phase Noise to the RX specification comparison chart at:  
[http://www.elecraft.com/K2\\_perf.htm](http://www.elecraft.com/K2_perf.htm)

Also added are the ARRL review results (from QST, 12/2000) for the Patcom PC-1600A.

73, Eric WA6HHQ

--

<http://www.elecraft.com>

-----  
Date: Mon, 13 Nov 2000 19:31:12 -0600  
From: Anthony Bailey <abailey@clas.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [83975] transistor cross  
Message-ID: <v04210102b636462c4688@[192.168.0.17]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Hello all, I was doing some work on my 40m xmtr (VEC-1240) and needed a replacement 2N2222a transistor. So I looked around and found an old home stereo receiver in my garage that had a bunch of transistors in it.

There were no 2N2222a's but a few that had C945 on them. I finally found a place on the web that told me that it's a Japanese NPN, and its description was close to the 2N2222a so I tried it. It seems to work, but it'd be nice to have a place to cross reference the different transistors. Any ideas, web sites, etc..?

Thanks, Tony

-----

Sent from Anthony Bailey KCOHZP (mailto:abailey@clas.net)  
on a PowerComputing PowerBase 180 in Marble Hill, Missouri

-----

Date: Mon, 13 Nov 2000 19:31:21 -0600  
From: "Chuck Carpenter" <w5usj@globeco.net>  
To: qrp-1@Lehigh.EDU  
Subject: [83976] NETXQRP Club Meeting  
Message-ID: <3.0.2.32.20001113193121.00961d80@mail.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

QRPLers,

The next meeting of the NETXQRP Club will be held this coming Saturday.

November 18, 2000  
1:00PM

John Y Miguel's Cafe (Tex/Mex & 'merican)  
104 State Highway 205  
Terrell, TX  
Phone: (972) 524-1447

Directions:

Miguel's is on the west side of Terrell. It is on 205 north, near the intersection of I-80, 205, and 148. 205 goes north from I-80 toward Rockwall and 148 goes south back across I-20. Go north on 205 about 1/4 mile and it's on the right. Big place, hard to miss. It's just past a Kuick Kar lube-and-tune place and across the road is a Walmart plaza.

If you have a favorite QRP something you'd like to bring along, please do.

Weather permitting we plan to try some portable operation either behind the restaurant or at a local park in Terrell. Come join the fun!

For more NETXQRP Club info check our website: <http://www.netxqrp.org/>

Chuck Carpenter, Point, Rains Co., TX - EM22cv, RARA #3, NETXQRP #1  
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

-----  
Date: Mon, 13 Nov 2000 20:30:46 -0500  
From: Tom Mc <tjmc@erols.com>  
To: NJ-QRP <njqrp@njqrp.org>, QRP-L <qrp-l@lehigh.edu>, LIQRP  
<liqrp@applegate.org>  
Subject: [83977] Equipment :PATCOMM PC-500; QRP 2 band rig ; First Looks  
Message-ID: <3A1095C6.F1D1B199@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello guys,

I'd been looking at the Patcomm web site ( [www.qth.com/patcomm](http://www.qth.com/patcomm) ) after seeing a few messages on the boards in about the new PATCOMM 500.

As a reference . it's a dual band SSB/CW rig with a direct keyboard interface for CW ( like it's big brother the 1600 ). Rig adjusts up to 15w output.

Well, I live nearby to the Patcomm corp. location , so I figured I stop by and see the new unit... the PC-500.  
Here's the story;

A knock on the door and I enter. A gent welcomes me and I tell him why I stopped by (unannounced) to possibly see the new QRP Patcomm unit. Little did I know that I was welcomed by Jim; KE2TR and Frank, WB2UJS both top guns in the Patcomm Corp.  
After the intros they show me over to their work bench where a PC-500 was sitting.

With the cover already off the unit they proceed to display the PC-500.... A quick ( and I mean quick, as just plug in, into a 40 dual pin type socket ) they change the band module from 6m to 10m. A SSB signal comes up, sounding good... dial has a nice feel to it. After some talk, with a CW signal on, Frank shows me the adjustable filtering. It's Patcomm's Digital Variable Filter (DVF)... It's amazing! A turn of the knob drops an S9 signal off the meter/speaker while not effecting

what's in the pass band. ( I wish other companies would have used this to stop "pumping" ) The rig uses 7 pole crystal filtering...

After a bunch of info from both Frank and Jim, along with listening to the PC-500 , I'm impressed. The rig sounds great ( sorry but I didn't get on the air, though I was invited back to do so ). It seems the current draw of the 500 is lower than spec'ed out, ( they wanted to be conservative )... on RX it's more in the 600-700 range but there are also jumpers to disable the back lighting so in a pinch it could prob be lower. Tx max is more of the 3+amp range at normal power input. Construction looked to be top notch.

Not much else at this time, except it's changed my Xmas list order... I will get one to play with ( but my wife doesn't know she's buying it yet ! ) soon.

all best  
Tom aa2vk

PS ;any questions ask me, or better yet ask Jim and Frank .... nice guys who will chat and answer yr questions.

```
*****
*   Member of NORCAL, NJQRP, LIQRP, SGCI   *
*               K2 #1213                     *
*   Personal web page : www.erols.com/tjmc  *
*****
```

-----

Date: Mon, 13 Nov 2000 17:37:14 -0800  
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>  
To: Elecraft mail list <elecraft@qth.net>, GQRP <gqrp@onelist.com>, QRP-L <qrp-  
l@lehigh.edu>  
Subject: [83978] K2 at Antartica McMurdo Station tonight; update  
Message-ID: <3A10974A.D0A6F7E1@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

From: "Veatch, James C. (JCV)" <JCV@arinc.com>  
Subject: WA2EIJ/KC4 Operating Schedule 11-14-00



Date: Mon, 13 Nov 2000 20:15:44 -0500

Hello everyone!

I'm planning a trip up to the McMurdo Station ham shack tonight. I'll try to stick to this schedule:

0445-0500Z calling on 14040 kHz

0500-0515Z calling on 18090 kHz

0515-0530Z calling on 21040 kHz

Then I'll repeat spending 15 minutes on each band until 0700Z when I have to do some work. I hope to work everyone tonight. I won't be able to operate again until next week.

73s

Jim Veatch, WA2EUI

-----  
Date: Mon, 13 Nov 2000 19:44:50 -0600

From: "Chuck Carpenter" <w5usj@globeco.net>

To: tdufres@hotmail.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [83979] Re: HW-8 tuning cap problem -- J.B. Weld

Message-ID: <3.0.2.32.20001113194450.007b61f0@mail.globeco.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Tom and HW-8 folks,

Found an item in the October 1997 QRP Quarterly page 27.

K5ZTY describes the use of J.B. Weld and how he used it to repair the tuning cap plates in his HW-8.

I've recently acquired an HW-8 for the W5USJ historical QRP shelf 8^)...

Chuck Carpenter, Point, Rains Co., TX - EM22cv, RARA #3, NETXQRP #1  
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

-----  
Date: Tue, 14 Nov 2000 01:54:05 GMT

From: "Mike WA8BXN" <hubby2k@hotmail.com>

To: kc0bus@altavista.com

Cc: qrp-l@Lehigh.EDU

Subject: [83980] Re: Source of gel cell batteries needed  
Message-ID: <F2360a7ddh1Hs46tfUD0000020fb@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Although a little pricey, I got a radio shack rechargeable battery they stock for use with their alarm systems: 12 V 5 AH. I use it with a variety of qrp rigs and typically need to charge it once a week or so. It should probably last thru field day without charging. It is a little heavy for backpacking unless all you are carrying is your radio gear.

73 - Mike WA8BXN

---

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-----  
Date: Mon, 13 Nov 2000 19:22:44 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: qrp-l@lehigh.edu  
Subject: [83981] FOX Lost Fox  
Message-ID: <Pine.LNX.4.10.10011131919290.822-100000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I sent an e-mail to Ron, N8VAR about his night in the barrel and didn't hear anything back. I suspect Ron had more important things to do this evening. So if you don't hear him join the crowd. If you do drop a line to the list.

I'm going to watch a football game.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Mon, 13 Nov 2000 20:25:57 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: k5di@zianet.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [83982] Re: FOX Lost Fox

Message-ID: <3A10A2B5.FF572BED@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

He is working them on 7142.27

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373

Amateur Radio W5YR, in the 55th year and it just keeps getting better!

Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

"Karl F. Larsen" wrote:

>

> I sent an e-mail to Ron, N8VAR about his night in the barrel and  
> didn't hear anything back. I suspect Ron had more important things to do  
> this evening. So if you don't hear him join the crowd. If you do drop a  
> line to the list.

>

> I'm going to watch a football game.

-----

Date: Mon, 13 Nov 2000 19:39:51 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>

To: "George, W5YR" <w5yr@att.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [83983] Re: FOX Lost Fox

Message-ID: <Pine.LNX.4.10.10011131938210.848-1000000@cannac.ampr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Gads on 7142.3 I hear 3's in qso with 0's and lots of strong stations. But  
no Ron. Who is hearing Ron?

On Mon, 13 Nov 2000, George, W5YR wrote:

> He is working them on 7142.27

>

> 72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

> Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373

> Amateur Radio W5YR, in the 55th year and it just keeps getting better!

> Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)  
>  
>  
> "Karl F. Larsen" wrote:  
> >  
> > I sent an e-mail to Ron, N8VAR about his night in the barrel and  
> > didn't hear anything back. I suspect Ron had more important things to do  
> > this evening. So if you don't hear him join the crowd. If you do drop a  
> > line to the list.  
> >  
> > I'm going to watch a football game.  
>  
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Mon, 13 Nov 2000 21:40:01 EST  
From: GElam30092@aol.com  
To: qrp-l@lehigh.edu  
Subject: [83984] FS: TenTec model 1330  
Message-ID: <c9.a4b6de9.27420001@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

This ham pulled my name off of another list regarding his qrp radio that he wants to sell.

"It is the TenTek model 1330 30M QRP xcvr. \$85 + UPS.  
73, Duane Heise, AA6EE Phone:(760)789-3674  
16832 Whirlwind Ln  
Ramona CA 92065 <http://www.radiodan.com/aa6ee/>"

Please contact Duane at aa6ee@earthlink.net if you're interested in his radio.

73,  
Gerry Elam, K7LR0  
PHX AZ

-----  
Date: Mon, 13 Nov 2000 18:39:32 -0800  
From: Randy Foltz <rfoltz@turbonet.com>

To: qrp1\_post <qrp-1@lehigh.edu>  
Subject: [83985] SS - Running of the Bulls  
Message-ID: <3A10A5E4.467578F@turbonet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The tabulation as of 6:00 pm PST Monday, November 13 for the  
QRP ARCI Running of the Bulls, which was held piggy-back  
with the ARRL Sweepstakes, is

| Place | Call     | Section | Q contacts |
|-------|----------|---------|------------|
| 1     | K5NZ STX | 132     |            |
| 2     | K0FRP    | CO      | 127        |
| 3     | N4ROA    | VA      | 91         |
| 4     | N0UR MN  | 85      |            |
| 5     | N7IR AZ  | 83      |            |
| 6     | K9AY GA  | 74      |            |
| 7     | K7LOW    | OR      | 62         |
| 8     | WZ2T NNY | 58      |            |
| 9     | AF5Z STX | 56      |            |
| 10    | WB3AAL   | EPA     | 54         |
| 11    | K9IUA    | ND      | 53         |
| 12    | W2EB WNY | 52      |            |
| 13    | N9SE IN  | 45      |            |
| 14    | W4FMS    | SFL     | 44         |
| 15    | K6MI SJV | 36      |            |
| 16    | KX7L WWA | 36      |            |
| 17    | N7RVD    | WWA     | 32         |
| 18    | K7RE AZ  | 22      |            |
| 19    | W9FHA    | IN      | 21         |
| 20    | KA9NZI   | IL      | 12         |
| 21    | W6RCL    | LAX     | 10         |
| 22    | AG4CZ    | KY      | 6          |
| 23    | N6WG EB  | 2       |            |

Only 23 out of 63 of you Bulls have sent me your results.  
You can either send to me directly or use the reporting form  
at <http://personal.palouse.net/rfoltz/arci/form.htm> All I  
need to know is your call, ARRL section, and how many Q  
contacts you made.

Reports from Matadors, those who were in the Sweepstakes but  
not a Bull, are few and far between. You Matadors who would  
like to report your results use the form at the URL above.  
The Matador results are as follows

| Number | Call | Section | Bulls Worked |
|--------|------|---------|--------------|
|--------|------|---------|--------------|

|   |          |    |    |
|---|----------|----|----|
| 1 | K04PY    | NC | 24 |
| 2 | KB0R MN  | 16 |    |
| 3 | WD3P MDC | 13 |    |
| 4 | AF4PP    | GA | 6  |

For both Bulls and Matadors Ed Hare, W1RFI, will donate a ARRL Handbook signed by the ARRL Lab guys and the members of the Central Connecticut QRP Club to the winner of each category.

The list of bulls is at  
<http://personal.palouse.net/rfoltz/arci/bullst.htm> so you  
 Matadors can check against your logs.

The standings, which I update daily at 9 PM PST, are at  
<http://personal.palouse.net/rfoltz/arci/highclm.htm> with  
 soapbox comments at  
<http://personal.palouse.net/rfoltz/arci/soapbox.htm>

Let's get those results in to me and to ARRL!

73,  
 Randy, K7TQ  
 QRP ARCI Contest Chairman

-----  
 Date: Mon, 13 Nov 2000 21:45:08 -0500  
 From: Clay N4AOX <wyn@worldnet.att.net>  
 To: w5yr@att.net  
 Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
 Subject: [83986] Re: CW Speed and Contests  
 Message-ID: <3A10A734.3E1E3FDB@worldnet.att.net>  
 MIME-Version: 1.0  
 Content-Type: text/plain; charset=us-ascii  
 Content-Transfer-Encoding: 7bit

"George, W5YR" wrote:

>  
 > We have probably beat this topic into the ground, but perhaps one more  
 > thought that I have not seen expressed here:  
 >  
 > Doesn't all this discussion over the difficulty of the new 5-wpm ham  
 > successfully getting on the air and making enjoyable contacts and being  
 > inspired to continue his CW "education" really just point up that "it  
 > just don't work" to test folks for only 5-wpm and then expect them to

> jump into the general CW world and be successful?  
>

Thanks for offering an opposing opinion. I too find the inverted incentives to slow down your CW speed a bit hard to take. I would rather see CW die an honorable death than to lay some kind of guilt trip on the likes of K5FO CP60 who has all but prostrated himself on the Hamdom Altar of Elmering, demonstrating the techniques for any ham to increase his/her code speed. You can check your instant gratification desires at the door in the CW Saloon. You want to work more people (make more Q's)? Get your code speed up or let your computer keyboard encoder/decoder do it for you!

Like others, I too used to lurk at the bottom of the Novice band with CMOS II keyer cranked down to 10 WPM, running 5 wpm farnsworth of course, looking for first contact thrills. But, the FCC and ARRL done hauled all of that away, first by giving the first 5 KHz on 40M Novice band to the automatic data stations, then by sending the 5 - 10 wpm'ers down the band with their new general ticket. Well so be it. Some people should just stop whining about the poor results. It is so unbecoming.

72/73,  
Clay N4AOX

-----  
Date: Mon, 13 Nov 2000 21:52:42 -0500  
From: hamjoel@juno.com  
To: qrp-l@lehigh.edu  
Subject: [83987] QRP DUPE  
Message-ID: <20001113.215244.-277969.0.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

i CAN'T GET TO the web from heah... tried four times now and the computer thinks I'm nuts... (good judge of character, huh)  
can someone zip qrp dupe up and ship it to me... or get me on the right web page...  
as my wife says "I'm trying" :-)

kella joel  
in maine

-----

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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Mon, 13 Nov 2000 21:03:31 -0600  
From: "TC Dufresne" <tdufres@radiks.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [83988] Fox-Got him!  
Message-ID: <011301c04de7\$78c78660\$a2f31dce@server>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Yuppers! With my HW-8 no less! 2.5 watts couldn't be sweeter!  
Tom

-----  
Date: Mon, 13 Nov 2000 21:30:14 -0600  
From: "TC Dufresne" <tdufres@radiks.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [83989] HW-8 tuner cap fixed (long)  
Message-ID: <015701c04deb\$342ea7a0\$a2f31dce@server>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

To all who helped me-a hearty thanks. It was real tough reading all your replies between patients, and not being able to be in front of my sick rig! The rotor is really just a press fit. If you exceed the limits of the dial (sheepish grin) she pops off. That was the sickening "tinkle" I reported earlier. (shudder) Even heard it thru my headphones! Several said try epoxy, many said make sure it was "electro-conductive" like the stuff they use to fix defoggers on rear windows. A few said there was some success with JB Weld. Heck, if Paul Havey uses it, cn't be all bad, right?

Well, the long and short of it.. Get to the point Tom!!

(sorry)

"A FEW SUGGESTIONS WHEN REPLACING TUNING CAPACITOR ROTOR IN AN HW-8"

- 1) Take a deep breath-- Life ain't over! Its fixable!
- 2) Resolve never to go over the limits of the dial, even in an attempt to "calibrate" your dial (guilty!?!)



3) Accept the fact that your dial is gonna be a few kilohertz off, one way or another (don't sweat the small stuff)  
4) That KCI is nice to announce frequencies!  
5) When in doubt, read the manual (That darn rotor just HAS to fit this way...but why is the frequency getting BIGGER when I rotate it to the right?!?!?!)  
6) Super glue has its limitations (A glue HAS to know its limitations!)  
7) Press fit? Good enough for Heath, good enough for me!  
8) A very signifiant drop in background "noise" while rotating dial when testing out placement of rotor MAY have something to do with plates that are touching the stator!  
9) There are more than 400 volts in a HW-8! Yup! Check it yourself! Careful!  
10) There are some GREAT people on the QRP reflector!  
Thanks again, all who made suggestions. A press on fit worked FB. Find the beginning point, a place where the rotor is completely unmeshed (fully clockwise) Set the vernier drive /dial to the little "mark" just before "0" on the dial. "Press" the rotor on the shaft. You have to kinda "work" the dial shaft as you "push" to seat the rotor plates. It just feels "good" when you get it right. You'll know by the feel rather than by sight. Check to make sure no plates are touching. To get pretty close, I just used my KCI freq announcer to tell me when I was, then GENTLY rotated the shaft while keeping the rotor from moving. I am about 2 kHz away from what the KCI announcer says. Good enough for me! If you try to get too close, you just end up working the rotor right off the shaft and ya have to start all over again. (tinkle)  
Is it perfect? Nope. Will it happen again? Probably, but now I know what to do. Will I cement the rotor on next time? Well, maybe. I'll wait 'till it happens again then I'll decide. :)

73

Tom

-----  
Date: Mon, 13 Nov 2000 22:40:31 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>, "Glenn Maclean" <glennmaclean@ix.netcom.com>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [83990] Re: Cub FOXes at 10 wpm max speed  
Message-ID: <200011132240\_MC2-BAB5-D8E1@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1

Content-Disposition: inline

Gang:

A note of clarification about "10 wpm" in the Cub FOX Hunt. I mean 10 \*words\* per minute spacing. IE, the character speed might be faster depending on the keyer setting. Thanks to Glenn WA7SPY for his excellent question.

72/73,

--W.D. (Doc) Lindsey

DSBF

PO Box 6028

Bismarck, ND 58506

(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)

E-Mail =3D K0EVZ@arrl.net

-----  
Date: Mon, 13 Nov 2000 22:48:30 -0500

From: "Larry Przyborowski" <k3peg@yahoo.com>

To: <w7ox@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [83991] Re: PSK-80:Orientation of SMT ICs

Message-ID: <004701c04ded\$c2364ba0\$f5faaccf@master>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Phil, set the PCB in front of you with the connector side facing away. The ICs are to be placed into position such that you can read the writing on the package (i.e. the writing is not inverted). I temporarily used one of the final output transistors as a "holder" for placing each IC while soldering. First, carefully bend (i.e. don't bend the lead right at the case - start the bend about 1/4" away from the case) the middle lead of the transistor up about 1/4" away from the other two leads. Next, set an IC onto the PCB near its solder pads. Hold the transistor above the IC such that its middle lead touches the top of the IC's package, and each of its other two leads are between adjacent pins on opposite sides of the IC. By doing this, you should be able to easily slide the IC around into position, and also hold it down while soldering. Tack solder two opposite IC pins, remove the "holder," and finish soldering. Repeat for the other IC. Carefully restore the transistor leads to their original alignment. I sincerely hope this helped; I've tried to "paint-a-picture" with words... don't know if I have done so.

See --> <http://www.njqrp.org/warbler/kitnotes.html> , and

the layout/schematic at --> <http://www.njqrp.org/warbler/schem+layout.pdf>

There's lots of additional and helpful info there! C'ya on 80m PSK.

72/3 de Larry - K3PEG

-----  
Do You Yahoo!?  
Talk to your friends online with Yahoo! Messenger.  
<http://im.yahoo.com>

-----  
Date: Mon, 13 Nov 2000 22:37:31 +0000  
From: Chuck Adams <k7qo@primenet.com>  
To: qrp-l@lehigh.edu  
Subject: [83992] CW Online  
Message-ID: <4.3.2.7.0.20001113221905.00b253b0@pop.primenet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

This is the only time that I will advertise this, so listen and listen closely. It may be important.

1. Get yourself plenty of disk space 'cuz you are gonna need it, if you need the practice. At about 2MB per day you figure it out.
2. Set aside some time each day for this. Don't save this up until you are old.
3. Go to

<http://www.qsl.net/k7qo/>

and go down the page until you get to the Morse Code stuff. I now have all the pieces in place to generate all the Morse at any speed that any of you could want from now until I leave this orb. Don't place orders right now as I have to bring some in the pack up to speed (literally).

The first file to go and get is

<http://www.qsl.net/k7qo/cw0001.mp3>

I am using Netscape and Win98 and both Windoz and the browser default to a muti-media player that plays the file just fine. So everyone run out there and download it and see how it sounds. WARNING: put the volume low, very low to start, please. You have been warned. The file is just over 2MB in size as is quite a compression over the .wav or .cdda audio format.

Tomorrow I will put a sample QSO out and show you some real fun stuff that I can do with the software that I wrote. I can emulate fading, any frequency for the tone, and at any speed. I have to do this on an SGI 02 system and move it to the net, thanks to Preston Douglas, WJ2V, for advice --- I bought a new 300W power supply and case and now can switch between LINUX, IRIX, and WIN98 without too much effort as before.

I have removed all the web stuff and redone it, so don't start sending me email yet on errors. It is work in progress and I am missing a couple of pages that I hope I have somewhere.

But do continue to get on the air as that is the best practice you can get.

Later I'll have instructions for copying to a mil/typewriter/keyboard and I'll grade your copy if you want..... ;-)

Again, set aside some time each day as you'll get so far behind otherwise. I wanna see you at Tuthill and other places and you tell me you copied every dit and dah.....

So if you don't copy Morse too well right now, here is your opportunity to remedy that situation in a nearly painless way. Any one teaching classes just let me know where you are and I'll try to help with some lessons that your students can work on between when you meet and the next time you see them in class. :-)

And of course, for those that can't find practice at 50WPM and higher you wait is over.

I have to run out on the net and get some news that I can use for practice. Otherwise you can listen to "Alice in Wonderland" in its entirety.... I'll try to find all good news and you are probably tired of the other stuff.

dit dit

Chuck Adams, K7QO Prescott, AZ

-----  
Date: Tue, 14 Nov 2000 01:04:41 -0600  
From: "Cla KA0GKC" <ka0gkc@arrl.net>  
To: <n2go@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [83993] Re: soundcard/psk ?  
Message-ID: <027e01c04e0a\$0d891120\$02000000a@mcg.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Basically you use either channel that you wish. However, if you plan to use the VOX in your rig then use the opposite channel for receive and transmit. Trust me!

73 de Cla KA0GKC

----- Original Message -----

From: <n2go@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Sunday, November 12, 2000 23:50 PM  
Subject: soundcard/psk ?

> So now I am ready to make connections between the soundcard line in /out  
> and the digital interface.  
> The soundcard has stereo plugs. Which channel ? both?  
> Inquiring minds gotta know :)  
>  
> 73,  
>  
> Jim n2go  
>  
>

-----  
Date: Tue, 14 Nov 2000 02:53:48 -0500  
From: "Ed Tanton" <n4xy@att.net>  
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>  
Cc: "W9VES Dave Newkirk" <dpnewkirk@home.com>, "Walt Amos K8CV" <k8cv@worldspy.net>, "Sam Billingsley" <SBillingsley@usaninc.com>, "Jim Stafford W4Q0" <w4qo@amsat.org>, "CW Reflector" <cw@qth.net>  
Subject: [83994] Hy-Gain DX77 vertical QUESTION  
Message-ID: <CKEGICNFDIMCEKEDCEHFAE00ELAA.n4xy@att.net>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I am (FINALLY) about to put up this HyGain DX-77 I have had sitting around in my basement, new-in-the-box, for years. Half the trap-coils are encased/covered, and half are exposed. I have painted those with Rid-Arc HV Spray paint, and will be coating them, as well as many other spots on the antenna (AFTER it is tuned) with the 3-M paint-on electrical tape stuff. I plan to follow all that with a thorough coating of rubberized-but-non-metallic autobody undercoating.

OK... my question is this: I have heard of two specific problems related to this antenna.

One is eliminated (as much as you can) by guying the antenna just below the 10M trap. Fine. I'll do that.

I have also heard some stories about trap-capacitor problems. Can someone tell me what those are, and how I might go about eliminating them BEFORE I permanently mount the antenna???

73 Ed Tanton N4XY <n4xy@arrl.net>

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA QRP-ARCI NoGaQRP  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
Date: Tue, 14 Nov 2000 07:16:08 -0500  
From: John R Kirby <n3aaz-qrp@juno.com>  
To: randyp@strato.net, qrp-l@Lehigh.EDU  
Subject: [83995] Re: antenna masts  
Message-ID: <20001114.071723.-124485.0.n3aaz-qrp@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Randy,

Aluminum extension ladder.

Serves several purpose . . .

- 1) Tilt over tower
- 2) Crank up tower
- 3) Corner post
- 4) Mast for V antenna
- 5) Counterpoise for vertical antenna

First saw the idea years ago on field day.  
I have used it several times since

I chuck one end against the house.  
Prop the other end on a regular 6 foot ladder  
Install 'what ever to the top of the aluminum extension ladder  
Pull the aluminum ladder up with a rope attached to the house  
Extend the aluminum ladder

Viola a tilt over crank up tower.  
Depending on how you guy,  
it can rotate through about 90 degrees by pivoting on one leg.

I have pictures for those that can receive attachments.

One neighbor ask if I was trying to get to heaven,  
told her nope,  
been there . . .

John  
N3AAZ  
FM 19 xa

On Sun, 12 Nov 2000 23:52:58 -0500 "Randall M. Payne" <randyp@strato.net>  
writes:

>Looking for good (read "cheap") ideas on masts to support a  
>horizontal  
>loop. Hope to be able to support two corners in trees about 30 or 40  
>feet  
>up, but I'll need some kind of masts to support the other corners  
>since the  
>family refuses to go out and hold them up for me. :>)  
>Please reply direct to me and let's spare the list!  
>Randy K4EZM  
>  
>

---

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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Tue, 14 Nov 2000 05:43:56 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: qrp-1@lehigh.edu  
Subject: [83996] FOX At last  
Message-ID: <Pine.LNX.4.10.10011140539220.784-1000000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Around 0330 and way down at 7141 I heard the FOX about 339 calling CQ. I called him several times on and off his freq without success. Then on my wire antenna where he was a tiny bit stronger he heard me.

We sent 339 to each other and it was more mental telepathy than signal copy...:-) The path between Fox and Las Cruces, NM was not good.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Tue, 14 Nov 2000 08:20:18 -0500  
From: "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>  
To: qrp-1@Lehigh.EDU  
Subject: [83997] FOX: Cub Fox hunt #7 Monday, Nov 13 Comments from the fox.  
Message-ID: <51643DBAD36BD411851300E029265867017CF66D@SUSDAYTE53>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

The log is almost ready. I want to make sure I have the write format before submitting it. It's easy to get the write format since I have it in excel so I want to take the time to ensure that it's write before I send it out.

I had 22 contacts and one dupe which was good because I had the info wrong the first time.

Conditions were a little tough with noise on my end coming and going. 7.143 was full of qso's so moved down to 142 and listened low to stay away from the qso. Not quite what I had planned but I hoped it wouldn't through the hounds off to much. It didn't.:) It didn't take long for the hounds to catch the sent. There wasn't as big a pile-up as I had expected and calls were pretty easy to pick out to start with. Noise made the job a little



harder as time went on.

I probably gave out some pretty conservative sig reports. I tend to do that when I have all the filters on which tends to attenuate the sigs a little too.

There were some calls that I could hear but just couldn't make out. To those, I am sorry, I really wanted to make the contact but the noise got the better of me.

I set the speed on the CMOS III keyer at 10wpm and stayed there. I didn't hear any calls that came back slower so didn't have to slow down any. There were some that came back a little faster but not out of line at all. I had a good time and hope all that participated making the contact or not also had fun. It was a lot more relaxed than the winter hunt and I felt pretty good when it was done.

72 to all es log to follow

de Ron, N8VAR  
Cub Fox Monday, Nov 13

-----  
Date: Tue, 14 Nov 2000 13:30:58 -0000  
From: Vic Winton <Vic.Winton@trafford-press.com>  
To: "'k5di@zianet.com'" <k5di@zianet.com>, Low Power Amateur Radio Discussion  
<qrp-l@lehigh.edu>  
Subject: [83998] Just Countin' here in Florida  
Message-ID: <C94AC5B1B413D411ABDC009027177A641CA2@trafford01.trafford-press.com>  
MIME-Version: 1.0  
Content-Type: text/plain

1,343,887....  
1,343,888....  
1,343,889....

Hey there's dx qrp on 10m. What ?  
Oh heck where was I ?.....

1.....  
2.....  
3.....  
4.....

Regards,

Vic Winton GW4JUN        hee hee

-----  
Date: Tue, 14 Nov 2000 08:45:37 -0500  
From: John Wagner <john@neknetwork.com>  
To: RD130947@exchange.DAYTONOH.NCR.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [83999] Re: FOX: Cub Fox hunt #7 Monday, Nov 13 Comments from the fox.  
Message-ID: <3A114201.FCFB1318@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Ron (and QRP-L):

I'm the keeper of the logs for the cub fox hunt. Please send your log in the body of an email (i.e. not an attachment) to the QRP-L in the following format:

TIME(UTC) CALL RST SPC NAME PWR

One row for each Q, no need to number them. Space or tab delimited is fine. RST should be the RST you received from the hound. After you get corrections, please send a final copy to the list and cc: me with the final log as well. I would like to have the final logs for the week by the weekend following the hunt so I can update the scores.

Thanks for being a cub fox, and thanks for the pelt last night. ;)  
Future cub foxii please do the same after your hunt.

For the record:

Cub Fox Web Site is at: <http://www.qsl.net/k5di/fox/>  
Scores are posted at: <http://www.neknetwork.com/foxcub2000/>

73,

John, KB1ENS

"Doyle, Ronald D" wrote:

>

> The log is almost ready. I want to make sure I have the write format before  
> submitting it. It's easy to get the write format since I have it in excel  
> so I want to take the time to ensure that it's write before I send it out.

>

> I had 22 contacts and one dupe which was good because I had the info wrong

> the first time.  
>  
> Conditions were a little tough with noise on my end coming and going. 7.143  
> was full of qso's so moved down to 142 and listened low to stay away from  
> the qso. Not quite what I had planned but I hoped it wouldn't through the  
> hounds off to much. It didn't.:) It didn't take long for the hounds to  
> catch the sent. There wasn't as big a pile-up as I had expected and calls  
> were pretty easy to pick out to start with. Noise made the job a little  
> harder as time went on.  
>  
> I probably gave out some pretty consertive sig reports. I tend to do that  
> when I have all the filters on which tends to attenuate the sigs a little  
> too.  
>  
> There were some calls that I could here but just couldn't make out. To  
> those, I am sorry, I really wanted to make the contact but the noise got  
> the better of me.  
>  
> I set the speed on the CMOS III keyer at 10wpm and stayed there. I didn't  
> hear any calls that came back slower so didn't have to slow down any. There  
> were some that came back a little faster but not out of line at all. I had  
> a good time and hope all that participated making the contact or not also  
> had fun. It was a lot more relaxed than the winter hunt and I felt pretty  
> good when it was done.  
>  
> 72 to all es log to follow  
>  
> de Ron, N8VAR  
> Cub Fox Monday, Nov 13

--

John Wagner - [john@neknetwork.com](mailto:john@neknetwork.com)  
Web page: <http://www.neknetwork.com>  
Personal Web page: <http://www.together.net/~jwag>

-----  
Date: Tue, 14 Nov 2000 09:02:53 -0500  
From: hamjoel@juno.com  
To: qrp-l@lehigh.edu  
Subject: [84000] got a copy  
Message-ID: <20001114.090256.-234361.1.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

THANKS TO ALL  
GOT A COPY OF QRPDUPE SENT TO ME

U GUYS / GALS ARE GREAT AND ME AND MY CAJUN MAMA THANK U ALL  
KE1LA JOEL  
IN MAINE  
MAINELY FREEZIN

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Tue, 14 Nov 2000 10:00:33 -0500 (EST)  
From: William Mabry <n4qa@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [84001] Re:Just Countin' here in Florida  
Message-ID: <385088864.974214034797.JavaMail.root@web425-wra>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello, Mr registrar ?

Me and the Wife will be comin' down to our Winter home in Central Florida  
for a visit next week.  
Could we vote again and mebbe help y'all count some ?  
Now, the Wife... she don't know the Code but I can do 40 WPM so that  
averages out to 20 WPM for that new VOTER QUALIFICATION thang.

I'll be brangin' the DSW-40 down in case y'all need proof.  
How's the condition of the ether down thar right now?  
I won't have a mic, so I won't be able to whistle-up any skip waves or  
anythin'.

I wanted to bring my dawg but the Wife sez y'all probly wouldn't let her  
vote so I ain't gon' bother.  
I'll give y'all a call on 7040 when we git thar for further instructions.  
73-1,  
Bill Gore 'er, I mean, Bill Mabry, N4QA

-----  
Date: Tue, 14 Nov 2000 07:51:38 -0700  
From: Bill Walker <windal@azstarnet.com>  
To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [84002] Need help for Fort Worth TX  
Message-ID: <00111408172001.04328@deneb>  
Content-Type: text/plain  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

After several years off the air, my dad W5ZIO is getting a new rig.  
Here is where he needs your help, he just relocated to Cleburne TX. which is just south of Fort Worth. Being new to the area, he has no idea where to go to buy a new radio. Could someone from that area tell me where he could go radio shopping. He is curenly staying with my brother who is a long time resident of the area, so simple instructions should be fine. Like name, address, phone, etc.  
Any help at all is greatly appreciated.

72

--  
Bill Walker - KD7JZB  
kd7jzb@qsl.net  
<http://www.qsl.net/kd7jzb>

-----  
Date: 14 Nov 2000 07:34:30 -0800  
From: John Doe <kc0bus@altavista.com>  
To: qrp-l@lehigh.edu  
Subject: [84003] DSW keying cable help needed  
Message-ID: <20001114153430.23662.cpmata@c012.sfo.cp.net>  
Content-Type: text/plain  
Content-Disposition: inline  
Mime-Version: 1.0

-----  
Free Unlimited Internet Access! Try it now!  
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-----

-----  
Date: 14 Nov 2000 07:42:14 -0800  
From: John Doe <kc0bus@altavista.com>

To: qrp-1@lehigh.edu  
Subject: [84004] DSW keying cable help needed  
Message-ID: <20001114154214.24054.cpm.ta@c012.sfo.cp.net>  
Content-Type: text/plain  
Content-Disposition: inline  
Mime-Version: 1.0

I need to make up a keying cable to go from a Whiterook MK-44 paddle to a Small Wonder Labs DSW-20, does anyone know how to wire this cables polarity? How about the size and type of plug at the DSW? What is the proper name for that plug? I would call it a standard 3/16" phono plug, is this correct?

I tried plugging in a pre-wired straight key to my new DSW-20 and it didn't like it. It just sat there and beeped at me like crazy. As you can probably tell, I'm just a newbie, so I really don't know what I'm doing.

Any help would be appreciated.

Thanks,

72

Scott, KCOBUS

---

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<http://www.zdnet.com/downloads/altavista/index.html>

---

---

Date: Tue, 14 Nov 2000 10:44:33 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "'ke6yme@yahoo.com'" <ke6yme@yahoo.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [84005] RE: Yaesu FT-817 and satellite operation  
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C6E9@kahless.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

That is what Chip told me. When I borrowed the radio from him for my RFI talk (to demonstrate an 80-meter interference problem), he programmed 80 meters to the BNC connector.

73,  
Ed Hare, W1RFI  
ARRL Laboratory Supervisor  
225 Main St

Newington, CT 06111  
Tel: 860-594-0318  
FAX: 860-594-0259  
Internet: w1rfi@arrl.org  
ARRL Web: <http://www.arrl.org>  
ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----

From: Russ Thorp [mailto:ke6yme@yahoo.com]  
Sent: Monday, November 13, 2000 4:06 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Yaesu FT-817 and satellite operation

Ed,

I overheard the Yaesu rep at Pacificon say the each band can be assigned to either the BNC connector on the front of the 817 or the rear (SO-239) connector. I'm 95% sure that is what he said.

Russ Thorp, KE6YME

--- "Ed Manuel (N5EM)" <n5em@flash.net> wrote:  
(snip)  
> Also, HF comes out on the same  
> connector. VHF/UHF comes out  
> on the other connector. Therefore, if you are doing  
> half-duplex work on  
> different bands but they are BOTH in HF or BOTH on  
> V/U, then your antenna  
> has to work on both bands as well.  
>  
(snip)

---

Do You Yahoo!?  
Yahoo! Calendar - Get organized for the holidays!  
<http://calendar.yahoo.com/>

-----  
Date: Tue, 14 Nov 2000 10:46:40 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "'abailey@clas.net'" <abailey@clas.net>, Low Power Amateur Radio Discussion  
<qrp-1@Lehigh.EDU>

Subject: [84006] RE: transistor cross  
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C6EA@kahless.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

<http://webhome.idirect.com/~griffith/semixref.htm>

73,  
Ed Hare, W1RFI  
ARRL Laboratory Supervisor  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
FAX: 860-594-0259  
Internet: [w1rfi@arrl.org](mailto:w1rfi@arrl.org)  
ARRL Web: <http://www.arrl.org>  
ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----

From: Anthony Bailey [<mailto:abailey@clas.net>]  
Sent: Monday, November 13, 2000 8:31 PM  
To: Low Power Amateur Radio Discussion  
Subject: transistor cross

Hello all, I was doing some work on my 40m xmtr (VEC-1240) and needed a replacement 2N2222a transistor. So I looked around and found an old home stereo receiver in my garage that had a bunch of transistors in it.

There were no 2N2222a's but a few that had C945 on them. I finally found a place on the web that told me that it's a Japanese NPN, and its description was close to the 2N2222a so I tried it. It seems to work, but it'd be nice to have a place to cross reference the different transistors. Any ideas, web sites, etc..?

Thanks, Tony

-----

Sent from Anthony Bailey KC0HZP (<mailto:abailey@clas.net>)  
on a PowerComputing PowerBase 180 in Marble Hill, Missouri

-----

Date: Tue, 14 Nov 2000 07:59:28 -0800 (PST)  
From: Jim Hale <[kj5tf@yahoo.com](mailto:kj5tf@yahoo.com)>



To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [84007] Re: PSK31 Place  
Message-ID: <20001114155928.25109.qmail@web702.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Good point, I'm a list member on Digitalradio,  
Hellschreiber, MFSK, and psk31 at egroups. Good  
forums, and there are already several QRP'ers on these  
lists, and new members (QRP'ers) are as welcome as can  
be!!

Its fine to post info here on QRP-L, I agree. But  
there are FB elists for the digital modes you should  
also be aware of.

Hellschreiber and MFSK16 are allot of fun. And once  
you have your cables for psk31 setup, the exact same  
interface works on ALL the other great sound card  
modes!!

I'm talking RTTY, Hell, and MFSK16. Plus psk31 !

Enjoy ALL the modes, and flavors of QRP/amateur radio.

Can it get any better?! All the software is FREE  
people! See you on digi-qrp !!

de Jim KJ5TF  
"All Milliwatts, All The Time"

=====

<http://www.madisoncounty.net/~kj5tf/>  
Milliwatting Editor ARCI QRP Quarterly  
Join/renew membership QRP Amateur Radio Club International  
<http://www.qrparci.org/arcijoin.html>  
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W  
Private email [kj5tf@madisoncounty.net](mailto:kj5tf@madisoncounty.net)

-----  
Do You Yahoo!?  
Yahoo! Calendar - Get organized for the holidays!  
<http://calendar.yahoo.com/>

-----

Date: Tue, 14 Nov 2000 10:57:44 -0500  
From: "Hare,Ed, W1RFI" <[w1rfi@arrl.org](mailto:w1rfi@arrl.org)>

To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.edu>  
Subject: [84008] Fw: QSO MANAGER FREE TO EVERYBODY  
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C6ED@kahless.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

ik4clf <ik4clf@galactica.it> wrote in message  
news:<Nl0Q5.5855\$wW2.222842@news1.giganews.com>...

> Qso Manager

<http://www.qsl.net/ik4clf>

> HF QSO/QSL/Award managment, ADIF Import/Export, full version free to  
> everybody.  
> tnk! 73

It looked interesting, at first glance.

73,  
Ed, W1RFI

-----  
Date: Tue, 14 Nov 2000 08:13:30 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: kc0bus@altavista.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [84009] Re: DSW keying cable help needed  
Message-ID: <3A1164AA.18186B87@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John Doe wrote:

>  
> I need to make up a keying cable to go from a Whiterook MK-44 paddle to a Small Wonder Labs DSW-20, does anyone know how to wire this cables polarity? How about the size and type of plug at the DSW? What is the proper name for that plug? I would call it a standard 3/16" phono plug, is this correct?

You need to use a small stereo plug, a standard Radio Shack item. I believe the size is 3.5 mm (1/8").

You want to wire it (assuming you are right handed) with the tip

connected to the left side of the paddle, the center ring connected to the right side and the ground to ground.

> I tried plugging in a pre-wired straight key to my new DSW-20 and it didn't like it. It just sat there and beeped at me like crazy.

As I recall, you must wire the straight key to a stereo plug like the one mentioned above. then, to use the straight key, you need to select that mode in the DSW menu system, per the manual. Connect the tip to the ungrounded side of the key and the ground to the ground. Connect nothing to the middle ring of the plug.

73, Phil W70X

-----  
Date: Tue, 14 Nov 2000 08:27:08 -0800  
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>  
To: Elecraft mail list <elecraft@qth.net>, QRP-L <qrp-l@lehigh.edu>, GQRP <gqrp@onelist.com>  
Subject: [84010] Antartica / McMurdo K2 Operation Report  
Message-ID: <3A1167DC.9F554AD0@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

From: "Veatch, James C. (JCV)" <JCV@arinc.com>  
Date: Tue, 14 Nov 2000 03:52:58 -0500

Hello,

Thanks for listening, unfortunately propagation just wasn't there. Next week if I get the chance I'll look into the antenna and see if I can't make any improvements. I also found a Icom 2KL amplifier in the shack that I managed to connect up to the K2 and got almost 200W output. Still very difficult operating. I heard W6EZK calling CQ on 14041 but he didn't respond to my calls, but that was before I hooked up the amp.

I'll send an email the next time that I go to the shack to try again.

Thanks again,

Jim Veatch, WA2EIJ/KC4

-----  
Date: Tue, 14 Nov 2000 16:25:33 -0000  
From: Vic Winton <Vic.Winton@trafford-press.com>

To: "'n4qa@juno.com'" <n4qa@juno.com>, Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [84011] RE: Just Countin' here in Florida  
Message-ID: <C94AC5B1B413D411ABDC009027177A641CA3@trafford01.trafford-press.com>  
MIME-Version: 1.0  
Content-Type: text/plain

Hey Bill,

It's OK.....  
Bring the dawg.

After she's voted she can chew a few ballot papers

Regards,

Vic Winton GW4JUN

Oh no !!!!!!!!!!!!!!! Done it again...

1....  
2....  
3....

-----Original Message-----

From: William Mabry [mailto:n4qa@juno.com]  
Sent: 14 November 2000 15:01  
To: Low Power Amateur Radio Discussion  
Subject: Re:Just Countin' here in Florida

Hello, Mr registrar ?

Me and the Wife will be comin' down to our Winter home in Central Florida for a visit next week.  
Could we vote again and mebbe help y'all count some ?  
Now, the Wife... she don't know the Code but I can do 40 WPM so that averages out to 20 WPM for that new VOTER QUALIFICATION thang.

I'll be brangin' the DSW-40 down in case y'all need proof.  
How's the condition of the ether down thar right now?  
I won't have a mic, so I won't be able to whistle-up any skip waves or anythin'.

I wanted to bring my dawg but the Wife sez y'all probly wouldn't let her vote so I ain't gon' bother.  
I'll give y'all a call on 7040 when we git thar for further instructions.

73-1,  
Bill Gore 'er, I mean, Bill Mabry, N4QA

-----  
Date: Tue, 14 Nov 2000 11:33:06 EST  
From: NB6M@aol.com  
To: w7ox@earthlink.net  
Cc: qrp-1@lehigh.edu  
Subject: [84012] Re: PSK-80:Orientation of SMT ICs  
Message-ID: <ae.d29abed.2742c342@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Phil,

The surface mount ICs have a bevelled edge, which, if you are looking at the lettering on the top of the IC, is at the bottom of the lettering. The ICs mount on the PSK-80 board so that the non-bevelled edge is towards the connector side of the board.

If you place the board on the bench with the connector side facing away from you, and set the ICs down in their spots on the board so that the lettering is right side up, and the bevelled edge is towards you, they are oriented correctly.

72

Wayne NB6M

-----  
Date: Tue, 14 Nov 2000 11:32:22 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [84013] RE: QSO MANAGER FREE TO EVERYBODY  
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C6EF@kahless.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Fumble fingers Hare does it again. (I send CW that way, too!)

Try:

<http://www.qsl.net/ik4clf>

Sorry!

73,  
Ed Hare, W1RFI

-----Original Message-----

From: Hare,Ed, W1RFI [mailto:w1rfi@arrl.org]  
Sent: Tuesday, November 14, 2000 10:58 AM  
To: Low Power Amateur Radio Discussion  
Subject: Fw: QSO MANAGER FREE TO EVERYBODY

ik4clf <ik4clf@galactica.it> wrote in message  
news:<N10Q5.5855\$ww2.222842@news1.giganews.com>...

> Qso Manager

<http://www.qsl.net/ik4clf>

> HF QSO/QSL/Award managment, ADIF Import/Export, full version free to  
> everybody.  
> tnk! 73

It looked interesting, at first glance.

73,  
Ed, W1RFI

-----

Date: Mon, 13 Nov 2000 22:57:34 +0000  
From: Chuck Adams <k7qo@primenet.com>  
To: qrp-l@lehigh.edu  
Subject: [84014] CW Abbreviations [long]  
Message-ID: <4.3.2.7.0.20001113225205.00ab0610@pop.primenet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Someone asked and here is a list of probably the most used  
abbreviations in CW. It is not complete by any means. Enjoy.

#### CW Abbreviations de K7QO

|    |           |    |              |     |         |
|----|-----------|----|--------------|-----|---------|
| AA | all after | GM | good morning | QKY | quickly |
|----|-----------|----|--------------|-----|---------|

|      |               |      |                 |      |            |
|------|---------------|------|-----------------|------|------------|
| AB   | about         | GN   | gone            | QT   | quite      |
| ABB  | abbreviate    | GNI  | good night      | QTN  | quotation  |
| ABBD | abbreviated   | GP   | group           | QTY  | quantity   |
| ABBG | abbreviating  | GS   | guess           | QSN  | question   |
| ABBN | abbreviation  | GT   | great           | R    | are        |
| ABD  | aboard        | GV   | give            | R    | roger      |
| ABS  | absent        | GVT  | government      | RCD  | received   |
| ABV  | above         | H    | has             | RCV  | receive    |
| ACG  | according     | HAP  | happy           | RCR  | receiver   |
| ADR  | address       | HB   | have been       | RD   | read       |
| ADS  | address       | HP   | hope            | RDY  | ready      |
| AF   | after         | HPN  | happen          | RFU  | refuse     |
| AFN  | afternoon     | HR   | here            | RG   | regular    |
| AGN  | again         | HV   | have            | RHT  | right      |
| AK   | acknowledge   | HVR  | however         | RJ   | reject     |
| ALW  | always        | HVU  | have you        | RKO  | record     |
| AMT  | amount        | IFN  | information     | RMB  | remember   |
| AO   | at once       | IM   | immediately     | RPY  | reply      |
| APC  | appreciate    | IN   | indication      | RR   | railroad   |
| AR   | answer        | IMY  | immensely       | RT   | are the    |
| AVB  | available     | IMT  | immediate       | RU   | are you    |
| AY   | any           | IP   | improve         | RY   | railway    |
| AYB  | anybody       | ITD  | intend          | SAT  | saturday   |
| AYG  | anything      | IW   | it was          | SD   | should     |
| AX   | ask           | J    | by which        | SDY  | sunday     |
| B    | be            | JF   | justify         | SH   | such       |
| BC   | because       | JGM  | judgement       | SIG  | signature  |
| BCNU | be seeing you | JN   | join            | SJ   | subject    |
| BD   | board         | JR   | junior          | SKJ  | schedule   |
| BF   | before        | JT   | just            | SM   | some       |
| BFL  | beautiful     | K    | out of the      | SMG  | something  |
| BFT  | breakfast     | KD   | kind            | SND  | send       |
| BH   | both          | KGNS | congratulations | SPO  | suppose    |
| BK   | break         | KMN  | communication   | SPZ  | surprise   |
| BKN  | broken        | KP   | keep            | STD  | standard   |
| BLDG | building      | KPPG | cooperating     | STN  | station    |
| BN   | been          | KU   | continue        | STO  | store      |
| BS   | best          | KW   | know            | SUGN | suggestion |
| BTN  | between       | LAF  | laugh           | SUY  | saturday   |
| BTR  | better        | LG   | long            | SVC  | service    |
| BUN  | bulletin      | LIC  | license         | SVL  | several    |
| BV   | believe       | LK   | like            | SYS  | system     |
| BZ   | business      | LOV  | love            | T    | the        |
| C    | see           | LTR  | letter          | TBL  | trouble    |
| C    | yes           | LUK  | look            | TDY  | today      |
| CA   | came          | LV   | leave           | TFK  | traffic    |
| CD   | could         | LVG  | leaving         | TG   | thing      |
| CDRY | considerably  | M    | more            | TGR  | together   |

|      |            |      |               |      |                 |
|------|------------|------|---------------|------|-----------------|
| CDX  | condition  | MAB  | maybe         | THD  | thursday        |
| CF   | chief      | MB   | maybe         | TI   | time            |
| CFM  | confirm    | MD   | made          | TM   | them            |
| CFUD | confused   | MDA  | monday        | TMP  | temperature     |
| CHC  | chance     | MFG  | manufacturing | TN   | then            |
| CHG  | charge     | MH   | much          | TND  | thousand        |
| CHN  | children   | MK   | make          | TNI  | tonight         |
| CLD  | called     | MMY  | memory        | TNK  | think           |
| CLDY | cloudy     | MNG  | morning       | TR   | there           |
| CLR  | clear      | MO   | month         | TS   | this            |
| CK   | check      | MS   | most          | TSE  | these           |
| CM   | come       | MSJ  | message       | TT   | that            |
| CNCD | concerned  | MSK  | mistake       | TU   | thank you       |
| CNDS | conditions | MST  | must          | TUY  | tuesday         |
| CTD  | connected  | MSY  | mostly        | TW   | tomorrow        |
| CPI  | copy       | MTG  | meeting       | TWM  | tomorrow mornin |
| CPT  | complete   | MTR  | matter        | TWV  | tmw even        |
| CQY  | correctly  | MVG  | moving        | TX   | this is         |
| CY   | copy       | MVM  | movement      | TY   | they            |
| D    | in the     | N    | not           | U    | you             |
| DA   | day        | NA   | name          | UCN  | uncertain       |
| DAU  | daughter   | NBR  | neighbor      | UF   | unfortunate     |
| DD   | did        | ND   | need          | UFBY | unfavorably     |
| DDNT | did not    | NI   | night         | UK   | understand      |
| DE   | from       | NIL  | nothing       | UKN  | unknown         |
| DEG  | degree     | NR   | near          | ULY  | usually         |
| DFC  | difference | NTG  | nothing       | UN   | until           |
| DFT  | different  | NUM  | number        | UPN  | upon            |
| DG   | doing      | NUMD | numbered      | UR   | your            |
| DLD  | delivered  | NUP  | newspaper     | V    | of which        |
| DNR  | dinner     | NV   | never         | VB   | valuable        |
| DOLS | dollars    | NW   | now           | VCY  | vicinity        |
| DT   | dont       | NX   | next          | VET  | veteran         |
| EA   | each       | O    | of            | VKN  | vacation        |
| EH   | either     | OFN  | often         | VOL  | volume          |
| EJO  | enjoy      | OFS  | office        | VS   | visible         |
| ENH  | enough     | OFY  | officially    | VSR  | visitor         |
| EQM  | equipment  | OFC  | officer       | VST  | visit           |
| ES   | and        | OG   | organize      | VU   | view            |
| ESPY | especially | OJ   | object        | VY   | very            |
| EU   | Europe     | OP   | opportunity   | VYG  | voyage          |
| EV   | ever       | OPR  | operator      | W    | with            |
| EXA  | extra      | OTH  | other         | WB   | will be         |
| EXK  | expect     | OV   | over          | WDA  | wednesday       |
| EXQ  | excuse     | OWG  | owing         | WD   | would           |
| EYB  | everybody  | OWZ  | otherwise     | WDF  | wounderful      |
| EYG  | everything | P    | per           | WEA  | weather         |
| F    | of the     | PAP  | paper         | WF   | wife            |



|     |                |      |           |     |            |
|-----|----------------|------|-----------|-----|------------|
| FER | for            | PB   | probable  | WG  | wrong      |
| FM  | from           | PBM  | problem   | WGT | weight     |
| FO  | for            | PBY  | probably  | WH  | which      |
| FQ  | frequent       | PC   | percent   | WI  | will       |
| FRI | friday         | PD   | paid      | WK  | week       |
| FRV | forever        | PFD  | preferred | WL  | well       |
| FRW | forward        | PFT  | perfect   | WLD | world      |
| FS  | first          | PKJ  | package   | WN  | when       |
| FU  | few            | PLS  | please    | WO  | who        |
| FW  | follow         | PLSR | pleasure  | WRD | word       |
| G   | from the       | POX  | police    | WT  | what       |
| GA  | good afternoon | PSK  | prospect  | WTV | whatever   |
| GA  | gave           | PW   | power     | X   | in which   |
| GD  | good           | Q    | on the    | XJ  | explain    |
| GG  | going          | QA   | qualify   | Y   | year       |
| GL  | good luck      | QAY  | quality   | YA  | yesterday  |
| GLS | girls          | QK   | quick     | Z   | from which |

Chuck Adams, K7QO    Prescott, AZ

-----

Date: Tue, 14 Nov 2000 09:50:38 -0700  
 From: "Dittmar, Mark" <Mark\_Dittmar@Maxtor.com>  
 To: "'Qrp-L list'" <qrp-l@Lehigh.EDU>  
 Subject: [84015] Tube qrp rigs  
 Message-ID: <00CE81D78991D411BC4100E00900000413280C@mcoexc04.mlm.maxtor.com>  
 MIME-Version: 1.0  
 Content-Type: text/plain;  
     charset="iso-8859-1"

Although the site is a bit dated, you can see some of my tube qrp rigs and their schematics on my web site- <http://www.qsl.net/ab0cw/>

I use them in the AWA contests, which are loads of fun.

72/73

Mark, AB0CW

-----

Date: Tue, 14 Nov 2000 11:54:50 -0500 (EST)  
 From: William Mabry <n4qa@juno.com>  
 To: qrp-l@lehigh.edu  
 Subject: [84016] Re: DSW keying cable help needed

Message-ID: <389619681.974220891415.JavaMail.root@web641-wra.mail.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Scott and group:

Both the MK-44 paddles and the DSW series xcvs come "standard" with stereo 1/8th in.(3.5mm) jacks .

"Standard" stereo patch cords with a stereo 1/8th in. plug at each end work famously.

One thing to watch out for...

Make sure the solder tabs on the jacks don't short to each other or to the wrong parts of the mating plug etc.

Follow your DSW schematic for connections from the DSW to its keyjack. Also, be sure that the plugs are fully inserted.

Good luck & 73-1,  
Bill, N4QA

-----  
Date: Tue, 14 Nov 2000 11:23:57 -0600

From: "George, W5YR" <w5yr@att.net>

To: windal@azstarnet.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [84017] Re: Need help for Fort Worth TX

Message-ID: <3A11752D.45B2537@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

If he doesn't mind driving a bit, the place I have bought radios for the past nearly 20 years is Texas Towers in Plano, TX. They have a website at

<http://www.texastowers.com>

with directions to their store. They have displays of currently available radios and very competitive prices. I bought my IC-730 there in 1982, my IC-765 in 1990, my IC-756PRO in 2000, and several other radios in between. They also carry the full MFJ line and most

accessories and common ham supplies, plus a very complete line of antennas and antenna products.

Gerald Williamson and his son Matthew are good people and good to do business with.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Bill Walker wrote:

>  
> After several years off the air, my dad W5ZIO is getting a new rig.  
> Here is where he needs your help, he just relocated to Cleburne TX. which is  
> just south of Fort Worth. Being new to the area, he has no idea where to go  
> to buy a new radio. Could someone from that area tell me where he could go  
> radio shopping. He is currently staying with my brother who is a long time  
> resident of the area, so simple instructions should be fine. Like name,  
> address, phone, etc.  
> Any help at all is greatly appreciated.

-----  
Date: Tue, 14 Nov 2000 10:58:14 -0700  
From: Bob Hightower <nk7m@extremezone.com>  
To: qrp-l@lehigh.edu, elecrafft@qth.net  
Subject: [84018] Information on Keys/Paddles  
Message-ID: <200011141751.KAA14954@enterprise.extremezone.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Richard Meiss, WB9LPU, sent me a note that let me to his key/paddle page at <http://www.w1tp.com/mrm.htm>, which shows some of his homebrew stuff. Sure doesn't look homebrew to me, tho.

Also, he pointed me to the main page for Tom Perera, W1TP, who has a page at <http://www.w1tp.com>, with lots of information on keys, paddles, morse, museums, etc. Check that one out.

Bob Hightower NK7M  
Chandler, AZ  
SOC #20  
K2 #157/255, K1 #41

<http://www.extremezone.com/~nk7m>

-----  
Date: Tue, 14 Nov 2000 13:03:14 -0500  
From: Richard H Rood <fcsww@juno.com>  
To: kc0bus@altavista.com, qrp-1@lehigh.edu  
Subject: [84019] DSW keying  
Message-ID: <20001114.130315.-4152075.8.fcsww@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

John Doe

I see others have commented on wiring a stereo line from paddles to plug for your purpose.

Place this stereo patch cord from the paddles to the plug (KEY) on the back of your rig.

Plug in the power (PWR), hook up a proper antenna (ANT), plug in a headset (PH) and you are all ready to go. Press the front panel switch (KEYER) and you will hear the morse letters sequentially, S, R, T and SK. These signals mean:

S - Set speed of keyer .... press dot paddle for fast, dash paddle for slow. (An easy way to set it is to send v"s til they feel right)

R- Means to Reverse the paddle set up. If you have determined that the paddle set up is wrong, touch the dot paddle to signify that you want it to be the dot paddle a reversal will occur and the paddle sense will then be correct.

T- Will cause the rig to transmit steadily for Tuning. Touch any paddle to stop the tone.

SK- Means that you want to plug in a Straight Key. Wire a straight key to a stereo plug that fits and that will work okay. Or send code with the paddle as if it is a straight key. (either side.. hi.)

Press the tuning knob (axially) and you will hear the significant digits of the frequency in Morse Code. Press and hold (briefly) the tuning knob and you will hear a double tone signifying you have changed the tuning rate ...high-low = slower rate....low-high = faster rate.

Hope this helps

Dick, W2SCF

-----

Date: Tue, 14 Nov 2000 13:51:20 -0500  
From: Ed Kessler <edkess@epix.net>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [84020] MPN3700?  
Message-ID: <3A1189A8.E6DB0680@epix.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Folks,

I'm working on a circuit specifying an MPN3700. Does anyone know of a source for these PIN diodes? Or is there a readily available substitute someplace?

73s  
Ed AA3SJ

-----  
Date: Tue, 14 Nov 2000 13:59:02 -0500  
From: John AE5X <ae5x@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [84021] FS - Radio Shack HTX-10  
Message-ID: <20001114.135908.-311411.0.ae5x@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

I'm selling my 10m mobile transceiver to finance other toys. It's in mint condition and comes with mic, mobile mounting bracket and owner's manual. \$65.00 and I'll pay shipping to 48.

Thanks and 72,

John Harper AE5X  
HW-9, OHR-100A/20M, NC-40A, DSW20, SST30, SST40  
Outdoor QRP: <http://www.qsl.net/ae5x>

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.  
-----

Date: Tue, 14 Nov 2000 12:09:24 -0700  
From: "Tntjoe" <tntjoe@qwest.net>  
To: "list QRP" <qrp-1@Lehigh.EDU>  
Subject: [84022] HOORAY  
Message-ID: <NEBBIJDBGLGEDGHDACCGIEGKCDA.tntjoe@qwest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

HOORAY MY FIRST QRP CONTACT Now I see what I have been missing

YAH00000000

73  
Joe KC7TNT

"It is a shame to do with more, when less will do."

Name TNTJOE  
Ham Radio KC7TNT  
Phone # 602-867-7045  
Fax # 602-867-7045  
Fists C/W Club # 4213  
Fists CC # 864

-----  
Date: Tue, 14 Nov 2000 13:24:20 -0600 (CST)  
From: Jim Glover <psykey@okcforum.org>  
To: qrp-1@lehigh.edu  
Subject: [84023] CW: my 2 cents' worth (long)  
Message-ID: <200011141924.eAEJOKH31088@okcforum.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I can't resist chipping in my two cents' worth on the topic of CW.

I was first licensed in 1976. My participation has been sporadic throughout my adult life, particularly where HF is concerned. I've spent a lot of my adult life living in apartments, for one thing. About 6 weeks ago, I moved out of a high-rise apartment where there was simply no way to get any kind of HF antenna up. Since then, there's been more rain than you can shake a stick at around here, and when it hasn't been raining, the ground has been too soaked for a ladder. I'll get one up before long, though, and when I do, you can bet I'll be using CW on HF! But, since I haven't used CW for over a year now (except for one portable operation in the park), I'll be back down around 13-15 wpm tops, and trying to work my way back up to the 18 wpm or so it takes to be conversational on the bands today.

A lot has changed since the late 70's when I was first licensed. In those days, you could tell when you had hit the novice band tuning across 40 meters, because things suddenly got crowded. It was easy to get on the air and work to increase speed. By the time I'd been licensed about a year (as a technician, at that time equivalent to what we'd have called "tech plus" until recently), I upgraded to advanced.

Since that time, my participation on HF CW has been, as I said, sporadic, and so I've had to sort of re-learn CW a time or two. Knowing CW is like knowing how to ride a bicycle, for me--I never forget the characters. But speed suffers if I don't practice for a while. So, I've had experience with working to get my CW speed up several times, whenever I've had one of my returns to HF (like the one I'm about to enjoy as soon as I get an antenna up at the new place here).

It's true that it's harder to work to increase speed than it used to be. The novice band on 40 meters is, at times, a barren wasteland, and in any event, is not accessible from many QRP rigs, unless they are modified to tune that part of the band \*instead\* of the "regular" CW part of the band. Working the mainstream CW portion of the band can be a little difficult, too, since so many folks work at around 18 wpm, and do not choose to work stations who work slower. Fortunately, I'm already sold on the advantages of CW. I'm more than willing to put out the extra effort to recover speed. But take it from someone who's worked to build speed more than once in the last few decades--the current atmosphere is a lot less friendly to CW newcomers than what we had a few decades ago.

We've always had among us a few individuals who, with their noses to the grindstone, use recordings and whatnot to learn CW pretty much from scratch to the point of being competent on the mainstream CW bands, all in a pretty short time. However, I don't think that's how most of

us get started. I'd guess that the majority of today's CW fans either started out in the military, or worked their way up from 5-10 wpm on the novice bands. It seems pretty certain to me that since the military isn't going to be training any new CW operators, we're going to have a decline in the numbers of CW operators over the years unless we manage to make it convenient for new operators to get on the air at slow to moderate speeds.

Along with the increasing difficulty of finding slow to moderate speed CW activities on the air, there is the increased competition for people's time and attention. The trend toward two-bread-winner households has put extra demands on everyone's time. And of course, the Internet (more on that in a moment) is playing an increasingly important role. In general, there are more demands on our time these days (such as making a living) and there are more attractive options for spending free time. If the general trend in amateur radio is to make it harder and harder for people to learn CW, we're going to have a particularly hard time competing for people's dwindling free time.

Chuck mentioned that he spends two hours a day on CW. He didn't say he spends that much time a day on ham radio-- he said he spends that much time a day on CW. Presumably, in Chuck's case, he must be spending a lot more hours than that on radio, because he gets so much done! While I admire his devotion, and envy the fruits of his labor, I can't truthfully say that I wish I were like that, too. The fact is, I enjoy being someone who spends more time with family and friends than with my hobbies (not to mention work). Most of the people I run into on the air are people like Chuck, who devote a lot of time to radio every day. That's not because there are more hams like that, though--it's because statistically speaking, the people you're most likely to run into on the air are the people who spend the most time on the air! More of us are like me--we spend anywhere from "a few" to "quite a few" hours per week on radio, and alas, we have a week or two slip by from time to time when we find very little time for radio. And a lot of us don't spend all of our radio time on the air; we also need to fit in building, learning, participating in club activities, elmering (we hope!) and so forth.

These days, part of the time I spend on amateur radio, I spend learning. A lot of that time is spent on the Internet. It's actually slow going--you have to kiss a lot of frogs to find a prince when it comes to information from the 'net. It has its advantages, however. One of them is that it's free. Another advantage is that you see a much broader picture than if you look only at more traditional resources, such as the standard magazines and the ARRL publications. Spending time on the air is *\*the\** way to learn operating, but it's not the way to learn theory. The most cost effective way I've found to learn theory is to peruse the Internet, and use the consensus I find there to help me select a few references to purchase. (And then, of course, the next step is to melt solder--yet another demand on our precious radio hours!)



>From what I've read, I gather that in spite of the overall decline of CW in the world at large, there are ways in which CW is having sort of a golden age in the ham radio world. I'm certainly not the first to say: Anyone who thinks CW is dying is not listening to the same ham bands I am! There is plenty of activity on the air. And among those who are on the air, the speeds are increasing, I gather. We may not be convincing and converting many newcomers, but, hey... We find on the ham bands these days a large number of people who know and love CW, who are getting better at it all the time.

And you know... I'll just bet that a lot of those folks got their start at between 5 and 10 wpm on the Novice bands of years gone by. (...something important to keep in mind, I think.)

So...what if we \*do\* have a decline in the number of people who choose to spend their dwindling free time to fight the increasingly difficult battle to learn CW? Well, I think that has some disturbing implications for those of us who love CW. The most immediate problem will be that with the decline in numbers comes a decline in support. When the "should the CW subbands be preserved?" polls keep coming up, a smaller and smaller percentage of respondents will give a hoot about CW. The (raw) number of hams who consider CW to be an obsolete, if perhaps quaintly charming, relic of days gone by will probably continue to increase. Unless the number of CW enthusiasts continues to increase as well, support for CW will inevitably die.

However, in the long run, an even more serious problem will crop up. What if they had a party, and nobody came? Eventually a day could come when the few CW enthusiasts left have a hard time finding anyone left to talk to when they get on the air. Even more difficult might be finding anyone new to talk to. The joy of making random contacts could give way to the routine of making contacts with the same small group of CW enthusiasts who were on the air the night before, and then even that could begin to thin out. Face it, folks...you can't have much fun with CW all by yourself.

There's not much we can do about the increasing competition for people's time and effort. What we can do, though, is help make it convenient for those who wish to do so to learn CW. Changes in license requirements and the state of the art in communications technology have combined to reduce the number of hams who pursue learning CW. The sheer numbers of people who used to be on the air at 5-13 wpm created an environment in which an otherwise normal ham could sit down for a couple of hours of otherwise normal amateur radio communications, with others who were in the same boat (or enjoyed participating with those who were). Now that sheer numbers won't cut it, we need to find other ways to make it possible for those who are learning CW to genuinely enjoy sitting

down at the radio and choosing to flip the mode switch to the CW position.

The cub fox hunts are a good example of the sort of thing we can do. Of course, no one program of that sort can fill the void. Many of us, myself included, simply are not interested in any sort of contesting. An attitude of, "Well, if you were \*really\* interested in learning CW, you'd be willing to participate in contests to get your speed up" won't go very far to helping open that door. We need a variety of options to suit a variety of styles and preferences, and we need for those options to be available just about any time someone finds a few spare moments to get on the air.

Some of the activities that the FISTS members are doing sound constructive, to me. Their buddy program is certainly a good idea. I've recognized a surprising hostility toward the FISTS members among some members of the QRP community. I don't know whether it's just faction rivalry, or if there are some problems with how some of the FISTS members conduct themselves, but either way... perhaps the QRP community needs its own CW buddy program?

I believe that slow CW subbands are a very important part of what we need to make available to those who wish to learn. The existing novice subbands are acceptable to varying degrees, with unfortunately the novice subband of one of the most otherwise popular bands being the worst example. (I refer, of course, to 40 meters.) The 40 meter novice subband is a perfect example of everything a CW band should not be: it's territory dominated by another service, where almost no DX shows up, separated from mainstream CW by other modes. Of course, there's a bigger picture where 40 meters is concerned, the resolution of which resides in the purview of the diplomats. Be that as it may, to whatever extent we amateurs can influence these things, we need to try to establish slow CW subbands which are adjacent to mainstream CW subbands (which in my opinion should be separate from other digital modes--but that's another issue) and which are generally suited to serving as gathering places for not only CW beginners, but more experienced CW enthusiasts who'd enjoy hanging out with the newcomers.

The great thing about the old novice subbands was that the only thing you had to do was... show up. You didn't have to check a calendar, keep an appointment, or participate in a contest of any sort. You'd just tune up and call CQ, or answer a CQ, and enjoy a QSO with someone you could keep up with. If you were wise, you'd keep trying to push yourself a little, so your speed would increase as you went, but along the way, you'd get to enjoy making normal ham radio contacts.

There's a real possibility that the recent changes in license requirements could be leveraged into an advantage for CW. For the first time in a long time, we could have a lot of people who are CW beginners, who have

gained the privilege to use CW on the HF bands, and are eager to do so. Does this sound nutty to you? Well, think about it... the \*only\* missing ingredient at this point is the part about "eager to do so". The rest of it is falling in place as an inevitable result of the recent changes.

We don't (currently) have enough CW newcomers to establish critical mass on the novice subbands, especially if they remain isolated from mainstream CW. We might, if we play our cards right. Meanwhile, we need to do everything we can (special programs, and plain old one-on-one reaching out, on the air and otherwise) to encourage those who might like to try CW to have some fun building up to the speeds where many of us find that it's downright addictive!

And let's keep an eye open for opportunities to influence future band plans, to provide for welcoming CW newcomers.

--Jim WB5UDE

-----

Date: Tue, 14 Nov 2000 11:58:32 -0800 (PST)  
From: H Weinstein <k3hw@yahoo.com>  
To: qrp-1@lehigh.edu  
Subject: [84024] Need Pwr Xfrmr 250-0-250/6.3 & 8 mHy choke for Ameco AC-1 Clone  
Message-ID: <20001114195832.22817.qmail@web4306.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

-QRPers,

>

> I am in the process of building an AMECO AC-1 QRP Transmitter  
"Clone" (6V6 pentode -- xtal controlled transmitter - Full Wave  
rectifier circuit using a 6X5)

>

> I figure I need a 250-0-250 @ 100 mA or more with a 6.3 V  
> winding that can handle about 2 Amps. I also need an 8 mHy  
> choke that can handle about 200 mA.

>

> I have ALL of the documentation on this transmitter - Sold  
> mine  
> years ago for 30 bucks - now they go for 200 bucks on eBay.

>

> (Obviously a communist plot to subvert the Constitution and  
> undermine our Great Republic)

>

> The prices for new power transformers and chokes are out of  
> sight! Can anyone help me with these parts I am also in need

> of  
> filter caps ( 8/8 uF @ 450 V) and CARBON COMPOSITION  
> Resistors  
> all wattages and values.  
>

> Tnx es 72  
>  
> Howard K3HW  
>

-----  
Do You Yahoo!?  
Yahoo! Calendar - Get organized for the holidays!  
<http://calendar.yahoo.com/>

-----  
Date: Tue, 14 Nov 2000 11:57:53 -0800  
From: Stephen M Smith <sigcom@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [84025] Kit: Motorboating HSC Pixie2  
Message-ID: <20001114.120048.-278283.0.sigcom@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Group,

I asked Paul to send me his Pixie2 which he did. I found that the value of R2 in the oscillator was 7.5K Ohm instead of 1.5K Ohm. Changing that cured the problem. Subsequently during a web search for Pixie info, I came upon a review on eham.com that mentioned the same problem/cure. Apparently some kits shipped from HSC with the wrong value resistor. If you are having this problem with an HSC kit, check R2. I also measured the spectral purity of the transmitter and found it to be in compliance. There were no detectable spurs, the 2nd harmonic was down more than 30 db and the 3rd harmonic was almost undetectable. Impressive for such a simple radio.

73.....Steve, WB6TNL    The Scrounger  
Oxnard, CA    USA                    "snort rosin"

On Tue, 7 Nov 2000 11:55:17 -0700 "Marshall Emm"

<mgemm@ntechnologies.com> writes:  
> From: paul taylor <ptay1@newpop.bestweb.net>  
> Please reply direct to Paul, not to list.  
>  
> I have stopped building because I don't see to good at close  
> range. One of the best intro tools I have found is the pixie2 from  
> halted  
> specialties. The last batches I several that would motorboat and I  
> could  
> not find the cure. SO, I am looking to purchase working pixie kits.  
> The  
> are great demo's and don't ruin the wallet. I would appreciate it if  
> you  
> could post this to the list and have people e-mail me off the list.  
> tnx  
> paul

---

YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

---

Date: Tue, 14 Nov 2000 20:09:43 GMT  
From: "laura halliday" <marsgal42@hotmail.com>  
To: qrp-1@lehigh.edu  
Subject: [84026] Re: Need help for Fort Worth TX  
Message-ID: <F3EwLqJrfP6nmGq3MSL00001066@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

I just got back from a business trip to Fort Worth. The  
two places I went for electronics were Tanner Electronics  
(1100 Valwood Parkway, Suite 100, Carrollton) and Nortex  
Electronics (5616 Vickery Loop East, Fort Worth).

Tanner deal in new and surplus, with lots of interest to  
hams (I bought a dozen 2N3553s, for example). Nortex is the  
classic surplus electronic junk store, with stuff stacked  
to the rafters.

Go there and spend lots of money. I did. :-)

Laura Halliday VE7LDH        "Que les nuages soient notre  
Grid: CN89mg                pied a terre..."  
                              - Hospital/Shafte

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Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at  
<http://profiles.msn.com>.

-----  
Date: Tue, 14 Nov 2000 15:17:49 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: psykey@okcforum.org  
Cc: qrp-1@lehigh.edu  
Subject: [84027] Re: CW: my 2 cents' worth (long) - some thoughts  
Message-ID: <3A119DED.5586@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jim,

That was pretty long winded. Forgive me if I didn't read every word and may have misunderstood you.

Learning CW and CW proficiency are two separate things. You say you already know the character set so I presume you know CW. The [roblem you are facing is improving your proficiency. This is, in a way, the easiest part.

No, you don't have to be glued to your computer two hours each day! In fact I would suggest you turn your computer off while you are trying to improve your proficiency. I know this flies in teh face of current QRP guru recommendations, and the computer might actually help some people, but you don't use CW to communicate with your computer, you use it to communicate with your radio!

I firmly believe you will gain proficiency faster if you have to deal with QRM, QRN, and QSB while copying CW. I raised my proficiency from 15 wpm to over 22 wpm by listening to W1AW several nights each week, never more than 30 minutes at a session. Learning code is a stressful task, to listen for two hours takes an advanced operator!

Listening to a CD, or a tape, or a record (yes, in the old days we used records!), is counter productive once past learning the code. You are asked to listen to the same message, sent over and over. You learn to memorize it and that does absolutely no good in the real world! W1AW, at least, uses text from different QST articles. It changes every day!

Copy with a paper and pencil. The purpose of CW is to communicate. Until you become so proficient, ask yourself, how do I tell anyone about what I copied? How do I answer the other guy's questions. Do you remember what I said in the first paragraph pf this (any more than I remember what you said in your first paragraph!).

My increase in proficiency took me about 4 or 5 months of listening to W1AW for 30 minutes three or four times each week. I am sure you will also have that kind of success if you try. Don't worry about sending. You will always be able to send faster than you can erceive. Don't worry about whether you should buy this paddle or that keyer. They are independent of your code speed - they can always be learned later!

As you gain proficiency PRACTICE whenever you get the chance! Use the Novice bands, use contests, but practice until you reach your goal and tehn keep on practicing!

73

-----  
Date: Tue, 14 Nov 2000 15:34:50 EST  
From: Drbob92031@aol.com  
To: qrp-1@lehigh.edu  
Subject: [84028] Extra class exam questions  
Message-ID: <ad.2ea67c4.2742fbea@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

To fellow ops;  
Does any one have the(a) book of the question pool with answers and explanations for the extra class exam (good until 2002) and would like to give it up for adoption to a loving, caring old man who wants to upgrade as a personal challenge in his old age? I do not want to rust away in retirement. Thanks for any responses Privacy will be respected as in all adoption situations.  
72/73 de WA2EAW.Bob

-----  
Date: Tue, 14 Nov 2000 15:38:15 -0500  
From: "John Nally" <nally@talstar.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [84029] Redhot 40 Kit for sale  
Message-ID: <001301c04e7a\$d1340d80\$0200a2c6@dellssystem>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

It looks like I am never going to get this Redhot 40 kit assembled, because of other pressures. Everything is still in the original package just as I received it from Dave. Paid \$140 for it, and will sell to the first person who sends me a (good) check for \$100.

John AF4WM  
AF4WM@arrl.net

-----  
Date: Tue, 14 Nov 2000 12:51:06 -0800  
From: Allan G Taylor <k7gt@qsl.net>  
To: qrp-l@Lehigh.EDU  
Subject: [84030] K1 sighted on 15m  
Message-ID: <3A11A5BA.4354@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Worked N4BP yesterday running a K1 on 15m. Now how did he get it on 15m so fast? A very nice clean signal, sounds just about like a K2. Power out is 3W (he couldn't get it up to 5+). He said he LUVs it!

Actually he originally got a 40m/20m band module but then converted the 40m section to 15m.

73 GT

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@arrl.net

-----  
Date: Tue, 14 Nov 2000 12:57:52 -0800 (PST)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [84031] Milliwatt DX fever strikes agn  
Message-ID: <20001114205752.25030.qmail@web702.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii



Getting psyched up for the big CW DX test the last weekend of this month. I think its the CQWW CW test.

I'm going for a personal goal of DXCC with <1w on all contacts, and all CW.

But today caught 5T5U Mauritania on 10M RTTY working split. Allot of CB QRM these days and I didn't make it there. But he did QSY to 15M and I got him there with 700mW.

Seems like the QRM is what stopped me on 10M. Something needs to be done about the pirates. What a job they have done to our band.

I'm not sure where Mauritania is, but Africa I think. I worked Kermadec island ZM8CW, but cant seem to find it on the map! Hi Hi

72/3's de Jim KJ5TF  
"All Milliwatts, All The Time"

=====

<http://www.madisoncounty.net/~kj5tf/>  
Milliwatting Editor ARCI QRP Quarterly  
Join/renew membership QRP Amateur Radio Club International  
<http://www.qrparci.org/arcijoin.html>  
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W  
Private email [kj5tf@madisoncounty.net](mailto:kj5tf@madisoncounty.net)

-----  
Do You Yahoo!?  
Yahoo! Calendar - Get organized for the holidays!  
<http://calendar.yahoo.com/>

-----  
Date: Tue, 14 Nov 2000 15:15:27 -0600  
From: Gary Lee Phillips KA9NZI <[ka9nzi@arrl.net](mailto:ka9nzi@arrl.net)>  
To: [qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)  
Subject: [84032] Re: CW: my 2 cents' worth (long)  
Message-ID: <3A11AB6F.B97ACA15@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

> Many of us,

> myself included, simply are not interested in any sort of contesting.  
> An attitude of, "Well, if you were \*really\* interested in learning CW,  
> you'd be willing to participate in contests to get your speed up" won't  
> go very far to helping open that door.

Another thing to consider about the oft-heard advice to participate in contests in order to get ones speed up: Think for a little bit about the nature of a typical 30 wpm contest exchange. A call sign, a signal report, maybe a serial number or a three character abbreviation. Beyond that, a few common abbreviations like "QSL", "TU", or "GL" make up 99% of what you hear (or send). Is this REALLY going to increase anyone's speed? It may improve their ability to copy numbers and code groups. But it isn't going to help them become conversational any more than memorizing a tourist's phrase book allows one to converse in a foreign language.

Nothing against contests or contesting here, and I do them myself from time to time. But working a contest mostly improves one's ability to work contests. It certainly doesn't do much for anything else.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>  
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg  
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

-----  
Date: Tue, 14 Nov 2000 15:36:51 -0600  
From: [crc@io.com](mailto:crc@io.com)  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [84033] cw -2cents worth  
Message-ID: <3A115C13.18801.8901AC@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

The thing I keep thinking about is the limitation of most(not all) qrp rigs to a small portion of the cw frequencies available. The old Novice areas are not being used because most of the kits I see are limited to one portion or the other. When we are operating and/or designing we need to remember this and take care to use the spectrum or we will lose it.

Charlie  
W5KRF  
charlie c

-----  
Date: Tue, 14 Nov 2000 16:45:27 -0500

From: "Charles Mabbott" <crmabbott@mediaone.net>  
To: <ka9nzi@arrl.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [84034] CW: my 2 cents' worth (short)  
Message-ID: <002101c04e84\$3471d9a0\$59098318@mw.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Need to listen to traffic nets, speed is up and there are things there besides just RST QSL and so on. They do rain fall reports, general messages, and so on. Try to find quicker fellows and do some rag chewing or listen to other people doing rag chews. Listen when they say up 3 or 5 and follow to hear the traffic and copy it.

Contests are nice, but the lingo is easy and predictable. Just because folks can contest at 30 + does not mean they can pass traffic at that speed. There was an article in Nov / Dec QST if I remember right that said that very thing.

73,  
Chuck AA8VS

-----  
Date: 14 Nov 00 16:51:33 EST  
From: M Goins <mgoins@usa.net>  
To: qrp-1@LeHigh.EDU  
Subject: [84035] cw response  
Message-ID: <20001114215133.10664.qmail@aw162.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

Excellent point, Charlie. =

There is a great opportunity here for anyone to increase their code speed= by working in these areas while it also helps to promote the use of CW. I find a lot of the ops in the novice segments wanting to work anyone anywhere (just like I did when I was a novice. DX is where you find it!). And nothing seems to help increase code speed like actual conversations. =

mike  
wb5yjx  
=

The thing I keep thinking about is the limitation of most(not all) qrp =  
rigs to a small portion of the cw frequencies available. The old =  
Novice areas are not being used because most of the kits I see are =  
limited to one portion or the other. When we are operating and/or =  
designing we need to remember this and take care to use the =  
spectrum or we will lose it.  
Charlie =

W5KRF  
charlie c

-----  
Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

-----  
Date: Tue, 14 Nov 2000 14:43:27 -0700  
From: "Tntjoe" <tntjoe@qwest.net>  
To: "list QRP" <qrp-l@Lehigh.EDU>  
Subject: [84036] Power supply  
Message-ID: <NEBBIJDBGLGEDGHDACCGKEGOCDAA.tntjoe@qwest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have a NC20 what is a good source of power that is small and portable I  
tried 8 AA batteries but it don't seem to have enough power to do the job

Tnx

73  
Joe KC7TNT

Name TNTJOE  
Ham Radio KC7TNT  
Phone # 602-867-7045  
Fax # 602-867-7045  
Fists C/W Club # 4213  
Fists CC # 864

-----  
Date: Tue, 14 Nov 2000 17:26:43 -0500  
From: "Joe Trombino" <w2kj@earthlink.net>  
To: <elecraft@qth.net>  
Cc: <QRP-L@LEHIGH.EDU>  
Subject: [84037] K1 s/n 67 alive and well!!  
Message-ID: <00cd01c04e89\$f910fca0\$ce52fc9e@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just finished putting on the rubber feet on my K1, s/n 67  
and then got it on the air. Made my first QSO on 40m and  
then switched over to 20m and made my 2nd QSO there.

Wow...what a performer this little rig is...very hot  
receiver and very stable VFO with a full 5W output on both  
bands.

The only complaint (and this is mentioned in the manual) is  
the initial loud "pop" present when a very strong signal  
keys-up on frequency. Other than that, I was pleasantly  
pleased at how well the audio AGC performs overall.

Now I guess I gotta go back and finish up the SSB option for

my K2 (s/n 216) as well as the 160M and NB options:-) Just having too much fun with the lil K1 right now:-)

Kudos to the gang at Elecraft for another great kit!!

73, Joe W2KJ (North Carolina)

-----  
Date: Tue, 14 Nov 2000 22:53:04 -0700  
From: Andrew Madsen <andrew@utahdesign.com>  
To: qrp-l@lehigh.edu  
Subject: [84038] OT - UHF Lecher Line Osc.  
Message-ID: <3A1224C0.C3C621B7@utahdesign.com>  
MIME-Version: 1.0  
Content-Type: text/html; charset=us-ascii  
Content-Transfer-Encoding: 7bit

<!doctype html public "-//w3c//dtd html 4.0 transitional//en">  
<html>  
<tt>Does anyone on the list know what a UHF Lecher Line Osc(illator) is?&nbsp;  
My physics teacher found one, and we're trying to figure out what it's  
for.&nbsp; It has a transformer at one end.&nbsp; The transformer is enclosed  
so I can't really see any associated circuitry.&nbsp; Coming from the box  
where the transformer is are two long parallel metal rods.&nbsp; You can  
plug</tt>  
<br><tt>things in between the two rods.&nbsp; Included to plug in are things  
like a resistor, capacitor, inductor, a piece of wire, etc.&nbsp; The two  
rods are connected, although the end near the transformer (the place where  
they're connected) appears to be one turn of a 1:1 transformer with only  
1 turn each in the primary and secondary windings.&nbsp; If anyone knows  
what</tt>  
<br><tt>its purpose is, can you let me know off the list?</tt><tt></tt>  
<p>--  
<br>73,  
<br>Andrew Madsen AC7CF  
<br>ac7cf@qsl.net  
<br><A HREF="http://www.qsl.net/ac7cf">http://www.qsl.net/ac7cf</A>  
<br>AOL IM: ac7cf  
<br>FISTS nr. 7439 | QRP-L nr. 2180  
<br>FPQRP#-71 | A.R.S nr. 738  
<br>SOC #376 | UARC | ARRL  
<br>Norcal | NOGAQRP | NJQRP  
<br>&nbsp;</html>

-----  
Date: Tue, 14 Nov 2000 15:10:24 -0800 (PST)  
From: Jeff <fantbb@yahoo.com>  
To: qrp qrp <qrp-l@lehigh.edu>  
Subject: [84039] A Challenge to my fellow QRPers  
Message-ID: <20001114231024.58843.qmail@web10001.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I would like to challenge my fellow QRPers to make forays into the 40 meter Novice portion of the band. Let's get those CWers while they're young and covert them to the gospel of QRP CW!

Let me hear ya say YA!

72!

Jeff

=====  
AB6MB  
Stop censorship on mailing lists!  
NorCal QRP Club #65, QRP-L #1780, ARCI 10071  
Radical FIST Member 6798

-----  
Do You Yahoo!?  
Yahoo! Calendar - Get organized for the holidays!  
<http://calendar.yahoo.com/>

-----  
Date: Tue, 14 Nov 2000 18:12:19 -0500  
From: John AE5X <ae5x@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [84040] HTX-10 - Sold  
Message-ID: <20001114.181221.-311411.8.ae5x@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Thanks for all your interest everyone. The rig has been sold.

Best 72,

John Harper AE5X

HW-9, OHR-100A/20M, NC-40A, DSW20, SST30, SST40  
Outdoor QRP: <http://www.qsl.net/ae5x>

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 14 Nov 2000 18:44:58 EST  
From: Rick McKee <kc8aon@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [84041] HW-8 Mods ?  
Message-ID: <20001114.184510.4479.3.kc8aon@juno.com>

Would like to hear about any mods for the HW-8 that the list folks have tried !

[illegible]

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 14 Nov 2000 18:49:34 -0500 (EST)  
From: igeq100@iupui.edu  
To: Jeff <fantbb@yahoo.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [84042] Re: A Challenge to my fellow QRPers  
Message-ID: <Pine.GS0.3.96.1001114184835.27867A-100000@jade.iupui.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jeff, I agree. We need to encourage use of the shallow end of the pool.

Rich Meiss, WB9LPU



On Tue, 14 Nov 2000, Jeff wrote:

> I would like to challenge my fellow QRPers to make forays into the 40  
> meter Novice portion of the band. Let's get those CWers while they're  
> young and covert them to the gospel of QRP CW!  
>  
> Let me hear ya say YA!  
>  
> 72!  
>  
> Jeff  
>  
> =====  
> AB6MB  
> Stop censorship on mailing lists!  
> NorCal QRP Club #65, QRP-L #1780, ARCI 10071  
> Radical FIST Member 6798  
>  
> -----  
> Do You Yahoo!?  
> Yahoo! Calendar - Get organized for the holidays!  
> <http://calendar.yahoo.com/>  
>  
>

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End of QRP-L Digest 2006

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